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# LTCLHP240-G

Telecentric HP illuminator, beam diameter 300 mm, green

## Optical specifications

|                              |      |               |
|------------------------------|------|---------------|
| Beam diameter                | (mm) | 300           |
| Working distance range       | (mm) | 350 ~ 700     |
| Light color, peak wavelength |      | green, 520 nm |

## Mechanical specifications

|                |      |       |
|----------------|------|-------|
| Length (1)     | (mm) | 769.2 |
| Outer diameter | (mm) | 322   |
| Mass           | (g)  | 18192 |

## Electrical specifications

### Device power ratings

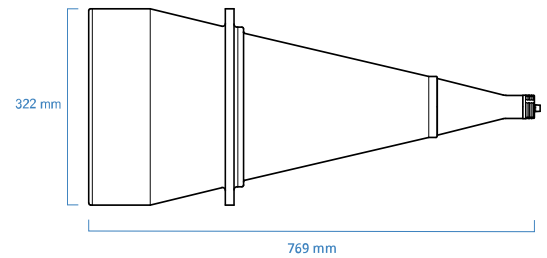
|                             |      |       |
|-----------------------------|------|-------|
| DC voltage minimum          | (V)  | 12    |
| DC voltage maximum          | (V)  | 24    |
| Power consumption           | (W)  | < 2.5 |
| Max LED forward current (2) | (mA) | 350   |

### 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 | TC23200, TC23240, TC4M200, TC4M240 |
|---------------|------------------------------------|



## 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



LTSCHP 1W-G  
Replacement LED module, green



LED1W-G  
Replacement LED source for LTSCHP1W series,  
green



CB244P1500  
Power cable for LTSCHP1W LED modules