



TCCAGE2MHR048HP-C

High power bi-telecentric system for 1" detectors, C-mount

SPECIFICATIONS

| | | |
|----------------------|-----------|------------|
| Detector type | | 1" |
| Image size | (mm * mm) | 14.2 x 7.5 |
| Max. object diameter | (mm) | 7 |
| Max. object height | (mm) | 32 |

Optical specifications

| | | |
|------------------|------|------------|
| Wavelength range | (nm) | 450 .. 650 |
| CTF @ 70 lp/mm | (%) | > 30 |
| wF/# (1) | | 16 |

Mechanical specifications

| | | |
|----------------------|------|-------|
| Width | (mm) | 111 |
| Length | (mm) | 192.8 |
| Height | (mm) | 280 |
| Mass | (g) | 2750 |
| Mount | | C |
| Phase adjustment (2) | | Yes |

Electrical specifications (3)

Ring light

| | | |
|-------------|------|-------------|
| LED voltage | (V) | < 25 (typ.) |
| LED current | (mA) | 4000 |
| LED power | (W) | 100 |

Coaxial light

| | | |
|-------------|------|-------------|
| LED voltage | (V) | < 30 (typ.) |
| LED current | (mA) | 6000 |
| LED power | (W) | 180 |

| | |
|-------|----------|
| Cable | included |
|-------|----------|

Last update: 2020-06-11

NOTES

- Working distance: distance between the front end of the mechanics and the object. Set this distance within +/- 3% of the nominal value for maximum resolution and minimum distortion.
- F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.
- Strobe only, constant current driving, Max Ton = 1 ms, max duty cycle 1%.



All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.