

# LTRN 120 NW

Ring LED illuminator, white

|   |  |               |
|---|--|---------------|
| Optical specifications                  |  |               |
| Light color, peak wavelength            |  | white, 6300 K |
| Optimal working distance                | (mm)   | 450-580       |
| Illuminance at minimum working distance | (lux)  | 2730          |
| Illuminance at maximum working distance | (lux)  | 1800          |
| Lighting area diameter                  |  |               |
| Outer                                   | (mm)   | 276           |
| Inner                                   | (mm)   | 226           |
| Electrical specifications               |  |               |
| Number of LED rows                      |  | 1             |
| Continuous mode 1                       |  |               |
| Supply voltage                          | (V)  | 24            |
| Current                                 | (mA)   | 1800          |
| Power consumption                       | W  | 43.2          |
| Pulsed mode 2                           |  |               |
| Supply voltage 3                        | (V)  | 24-48         |
| Pulse current                           | (mA)   | 7200          |
| Max. trigger pulse duration             | (ms)   | 10            |
| Duty cycle                              | (%)  | 0-10          |
| Mechanical specifications               |  |               |
| Outer diameter                          | (mm)   | 290           |
| Inner diameter                          | (mm)   | 180           |
| Height                                  | (mm)   | 40            |
| Mass                                    | (g)  | 1620          |
| Cooling method                          | Attached to machine part for better heat dissipation   |               |
| Compatibility                           |  |               |
| Compatible products                     | TCxx120, TC23110, TCxM120, TC4M110, TC16M120, TC12K120 |               |

NOTES

- 1. Lifespan: 20.000 hours (drop to 50% intensity) at 25 °C.
- 2. Pulse width <= 10 ms, 0-10% duty cycle.
- 3. Recommended at 36 V.

