

LTRN 016 NW

Ring LED illuminator, white

Optical specifications

Light color, peak wavelength		white, 6300 K
Optimal working distance	(mm)	85-150
Illuminance at minimum working distance	(lux)	17500
Illuminance at maximum working distance	(lux)	7540

Lighting area diameter

Outer	(mm)	107
Inner	(mm)	57

Electrical specifications

Number of LED rows		1
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Continuous mode 1

Supply voltage	(V)	24
Current	(mA)	600
Power consumption	W	14.4

Pulsed mode 2

Supply voltage 3	(V)	24-48
Pulse current	(mA)	2400
Max. trigger pulse duration	(ms)	10
Duty cycle	(%)	0-10

Mechanical specifications

Outer diameter	(mm)	120.6
Inner diameter	(mm)	37
Height	(mm)	40
Mass	(g)	450
Cooling method	Attached to machine part for better heat dissipation	

Compatibility

Compatible products	TCxx016, TCxM016, TCxSM016
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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.

