

LTRN 048 NW

Ring LED illuminator, white

Optical specifications

Light color, peak wavelength		white, 6300 K
Optimal working distance	(mm)	160-240
Illuminance at minimum working distance	(lux)	10500
Illuminance at maximum working distance	(lux)	5580

Lighting area diameter

Outer	(mm)	143
Inner	(mm)	93

Electrical specifications

Number of LED rows		1
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Continuous mode 1

Supply voltage	(V)	24
Current	(mA)	1000
Power consumption	W	24

Pulsed mode 2

Supply voltage 3	(V)	24-48
Pulse current	(mA)	3000
Max. trigger pulse duration	(ms)	10
Duty cycle	(%)	0-10

Mechanical specifications

Outer diameter	(mm)	157
Inner diameter	(mm)	75
Height	(mm)	40
Mass	(g)	660
Cooling method	Attached to machine part for better heat dissipation	

Compatibility

Compatible products	TCxx048, TCxM048, TC16M048, TCxSM048
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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.

