

LTRN 245 W45

Ring LED illuminator, white

Optical specifications

Light color, peak wavelength		white, 6300 K
Optimal working distance	(mm)	20-80
Illuminance at minimum working distance	(lux)	5900
Illuminance at maximum working distance	(lux)	8800

Lighting area diameter

Outer	(mm)	245
Inner	(mm)	158.5

Electrical specifications

Number of LED rows		1
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Continuous mode 1

Supply voltage	(V)	24
Current	(mA)	1200
Power consumption	W	28.8

Pulsed mode 2

Supply voltage 3	(V)	24-48
Pulse current	(mA)	3600
Max. trigger pulse duration	(ms)	10
Duty cycle	(%)	0-10

Mechanical specifications

Outer diameter	(mm)	245
Inner diameter	(mm)	117
Height	(mm)	38
Mass	(g)	1130
Cooling method	Attached to machine part for better heat dissipation	

Compatibility

Compatible products	PCPW0xx
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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.

