

# LTBC234234-G

Continuous LED backlight, 234x234 illumination area, green

## SPECIFICATIONS

### Optical specifications

Light color, peak wavelength	green, 525nm	
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### Lighting area

Length	(mm)	234,5
Width	(mm)	234,5

### Electrical specifications

Supply voltage	(V)	24
Current	(mA)	864
Power consumption	W	20.8

### Pulsed mode

Supply voltage <b>1</b>	(V)	36
Max pulse current <b>2</b>	(mA)	2592

### Mechanical specifications

Length	(mm)	279
Width	(mm)	279
Height	(mm)	35,6

### Compatibility

Compatible products	TCxx144, TC23172, TCxMHR144-x, TC16M144-x, TC16M192-x, TCDPxx144, MCZR025-006, MCZR018-004
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### Eye safety

Risk group according to CEI EN 62471:2010	Exempt
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## NOTES

1. With constant driving voltage (36V recommended, 48V max). Duty cycle = 0-10 %. Max pulse width = 10 ms.
2. With constant driving current. Duty cycle = 0-10 %. Max pulse width = 10 ms.
3. ± 15% at 20 mm working distance

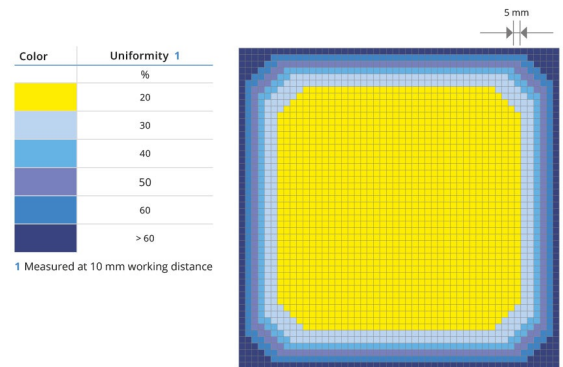
## COMPATIBLE PRODUCTS



<b>TC13144</b>	Bi-telecentric lens for 1/3" detectors, magnification 0.033 x, C-mount
<b>TC12144</b>	Bi-telecentric lens for 1/2" detectors, magnification 0.044 x, C-mount
<b>TC23144</b>	Bi-telecentric lens for 2/3" detectors, magnification 0.061 x, C-mount
<b>TC23172</b>	Bi-telecentric lens for 2/3" detectors, magnification 0.051 x, C-mount



<b>TC2MHR144-C</b>	High resolution telecentric lens for 1" detectors, magnification 0.089x, C-mount
<b>TC2MHR144-F</b>	High resolution telecentric lens for 1" detectors, magnification 0.089x, F-mount
<b>TC2MHR144-E</b>	High resolution telecentric lens for 1" detectors, magnification 0.089x, mount M42X1 FD=16
<b>TC4MHR144-C</b>	High resolution telecentric lens for 1.2" detectors, magnification 0.122x, C-mount
<b>TC4MHR144-F</b>	High resolution telecentric lens for 1.2" detectors, magnification 0.122x, F-mount
<b>TC4MHR144-E</b>	High resolution telecentric lens for 1.2" detectors, magnification 0.122x, mount M42X1 FD=16





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<b>TC16M144</b>	Telecentric lens for 35 mm detectors, magnification 0.245 x, F-mount
<b>TC16M144-Q</b>	Telecentric lens for 35 mm detectors, magnification 0.245 x, mount M58x0.75 FD = 6.56
<b>TC16M192</b>	Telecentric lens for 35 mm detectors, magnification 0.187x, F-mount
<b>TC16M192-Q</b>	Telecentric lens for 35 mm detectors, magnification 0.187x, M58x0.75 FD = 6.56

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<b>TCDP2X144</b>	Double magnification bi-telecentric lens, for detectors up to 2/3"
<b>TCDP4X144</b>	Double magnification bi-telecentric lens, for detectors up to 2/3"

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<b>MCZR025-006</b>	Macro zoom revolver, C-mount
<b>MCZR018-004</b>	Macro zoom revolver, C-mount

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<b>CMLTJA-M6-01</b>	L-bracket for vertical mounting
<b>CMLTVA-M6-01</b>	L-bracket for horizontal mounting
<b>CMLTOA-M6-00</b>	Join bracket

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