

LTBP240144-R

High power strobed LED backlight, 240 x 144 mm lighting area, red

SPECIFICATIONS

Optical specifications

Modules		5x4
Number of LEDs		960
Light color, peak wavelength		red, 625 nm
Spectral FWHM	(nm)	20
Width	(mm)	240
Height	(mm)	144
Minimum estimated illumination 1	(klux)	n.a.

Electrical specifications

Power mode supply		strobe only, constant current driving
Max Driving current 2	(A)	16,8
Pulse width 3	(ms)	≤ 1
Connection type 4		M8
MTBF 5	(hours)	> 50000
Pin 1		LED +
Pin 2		LED +
Pin 3		LED -
Pin 4		LED -
Current alignment mode 6		100

Mechanical specifications

Width	(mm)	252
Height	(mm)	164
Thickness	(g)	26
Materials		Black&Blue anodized aluminum body
Clamping system		8x M6 threaded holes

Compatibility

Strobe controllers	LTDV1CH-17V, LTDV6CH
Cable	CBLT003, CBLT004

Environment

Operating temperature	(°C)	0-40
Storage temperature	(°C)	0-50
Humidity		20-85% non condensing
IP rating		n.a.
Installation		indoor use only

NOTES

1. At max driving current, on emitting surface. Where n.a. is reported data is available upon request.
2. Models where two currents are listed (such as LTBP240180-R) feature two separate channels (two LTDV1CH-17V must be used)
3. At 25°C. At max pulse width (1 ms), max pulse frequency = 15 Hz.
4. 5 m cable with straight female connector included. Optional cable with right angled connector is also available and must be ordered separately (refer to our website for further info and ordering codes).
5. At 25°C. Estimated
6. LTBP series can be used in continuous "alignment" mode when used in combination with LTV1CH-17V.
Models where two currents are listed (such as LTBP240180-R) feature two separate channels (two

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LTDV1CH-17V must be used)

COMPATIBLE PRODUCTS



LTDV series
Strobe controllers

LTDV1CH-17V Strobe controller 1 channel variable current 5 mA - 17A
