

# LTBP288216-R

High power strobed LED backlight, 288 x 216 mm lighting area, red

## SPECIFICATIONS

### Optical specifications

Modules		6x6
Number of LEDs		1728
Light color, peak wavelength		red, 625 nm
Spectral FWHM	(nm)	20
Width	(mm)	288
Height	(mm)	216
Minimum estimated illumination <sup>1</sup>	(klux)	n.a.

### Electrical specifications

Power mode supply		strobe only, constant current driving
Max Driving current <sup>2</sup>	(A)	15,1 + 15,1
Pulse width <sup>3</sup>	(ms)	≤ 1
Connection type <sup>4</sup>		M12
MTBF <sup>5</sup>	(hours)	> 50000
Pin 1		LED1 +
Pin 2		LED1 -
Pin 3		LED2+
Pin 4		LED2-
Current alignment mode <sup>6</sup>		80 + 80

### Mechanical specifications

Width	(mm)	300
Height	(mm)	236
Thickness	(g)	26
Materials		Black&Blue anodized aluminum body
Clamping system		8x M6 threaded holes

### Compatibility

Strobe controllers	LTDV1CH-17V (2 units), LTDV6CH
Cable	CBLT005, CBLT006

### 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

- At max driving current, on emitting surface. Where n.a. is reported data is available upon request.
- Models where two currents are listed (such as LTBP240180-R) feature two separate channels (two LTDV1CH-17V must be used)
- At 25°C. At max pulse width (1 ms), max pulse frequency = 15 Hz.
- 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).
- At 25°C. Estimated
- 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

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other.  
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LTDV1CH-17V must be used)

#### COMPATIBLE PRODUCTS



LTDV series  
Strobe controllers

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

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