

# LTBP144180-G

High power strobed LED backlight, 144 x 180 mm lighting area, green

## SPECIFICATIONS

### Optical specifications

Modules		3x5
Number of LEDs		720
Light color, peak wavelength		green, 525 nm
Spectral FWHM	(nm)	30
Width	(mm)	144
Height	(mm)	180
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)	12,6
Pulse width <sup>3</sup>	(ms)	≤ 1
Connection type <sup>4</sup>		M8
MTBF <sup>5</sup>	(hours)	> 50000
Pin 1		LED +
Pin 2		LED +
Pin 3		LED -
Pin 4		LED -
Current alignment mode <sup>6</sup>		75

### Mechanical specifications

Width	(mm)	156
Height	(mm)	200
Thickness	(g)	26
Materials		Black&Blue anodized aluminum body
Clamping system		4x 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

- 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.  
Photos and pictures are for illustration purposes only.



LTDV1CH-17V must be used)

#### COMPATIBLE PRODUCTS



LTDV series  
Strobe controllers

---

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

---