

# LTBP144072-W

High power strobed LED backlight, 144 x 72 mm lighting area, white

## SPECIFICATIONS

### Optical specifications

|   |        |                      |
|---|--------|----------------------|
| Modules                                     |        | 3x2                  |
| Number of LEDs                              |        | 288                  |
| Light color, peak wavelength                |        | cool white, > 4500 K |
| Spectral FWHM                               | (nm)   | n.a.                 |
| Width                                       | (mm)   | 144                  |
| Height                                      | (mm)   | 72                   |
| Minimum estimated illumination <sup>1</sup> | (klux) | 200                  |

### Electrical specifications

|                                     |         |  |
|-------------------------------------|---------|--|
| Power mode supply                   |         | strobe only,<br>constant<br>current<br>driving |
| Max Driving current <sup>2</sup>    | (A)     | 10,8   |
| 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> |         | 30   |

### Mechanical specifications

|                 |      |                                   |
|-----------------|------|-----------------------------------|
| Width           | (mm) | 156                               |
| Height          | (mm) | 92                                |
| 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

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

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

---