



Product reference	Product number	COLOR		V <sup>1)</sup>	W <sup>1)</sup>	A <sup>1)</sup>		$\lambda$ <sup>1)</sup>	K <sup>1)</sup>	
<b>BACKlight BL02</b>										
BL02S-W2-865	4008321083937	white	240	10	38.0	3.6	120	–	6500	5
BL02S-W2-854	4008321084132	white	240	10	38.0	3.6	120	–	5400	5
BL02S-S1	4008321083951	super red	240	10	38.0	3.6	120	633	–	5
BL02L-A1	4008321084019	red	240	10	38.0	3.6	120	617	–	5
BL02S-A1	4008321083715	red	240	10	38.0	3.6	120	617	–	5
BL02S-O1	4008321083975	orange	240	10	38.0	3.6	120	606	–	5
BL02S-Y2	4008321084033	yellow	240	10	38.0	3.6	120	587	–	5
BL02S-T2	4008321084057	green	240	10	32.0	3.0	120	525	–	5
BL02S-B1	4008321084071	blue	240	10	32.0	3.0	120	470	–	5

**Other data (valid for all types):**  
 Photometric data: current values as per data sheet  
 Operating temperature: –20 to +75 °C, +85 °C at the Tc point depending on colour

## Highlights

BACKlight BL02 enables any shapes to be uniformly backlit. Because of its length, these slim LED chains can be installed quickly and easily.

## Applications

- Illuminated signs
- Backlighting of complex contours



## Technical characteristics

- 1 roll contains 2 LED chains
- Up to two LED chains can be connected one after the other with mid-feed on an OT 50W
- 2 LEDs per board
- The maximum overall length for version BL02S is 2 x 4.8 m = 9.60 m; board spacing: 80 mm
- The maximum overall length for version BL02L is 2 x 7.2 m = 14.40 m; board spacing: 120 mm
- Can be separated at any point between the individual boards for white, blue and green
- Can be separated after two boards for super red, red, orange and yellow
- 1 chain consisting of 60 boards connected with flexible cable
- Mounting holes (∅ 4 mm) in the boards enable them to be installed easily with screws for standard pc boards
- The modules can only be connected in parallel
- The boards are coated to protect against condensate