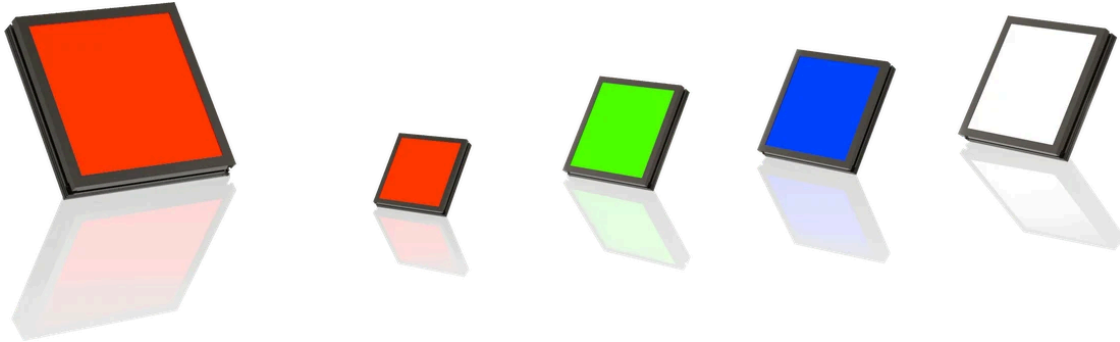


Bottom Back Light (BC series)

LS-BC series · Backlights · 12 models



Bottom-lit LED backlight: a high-brightness LED array under a diffuser plate gives uniform planar illumination for transmissive contour imaging.

Features

- High-brightness LED array arrangement for achieving uniform plane illumination.
- Large-area uniform illumination for transmissive contour imaging.

Applications

- Various size measurements, electronic component/IC outline inspection, film spot detection.
- Defect detection of chainsaw wheel gears
- Impurity detection in liquid
- Dimension inspection of metal part
- Date detection

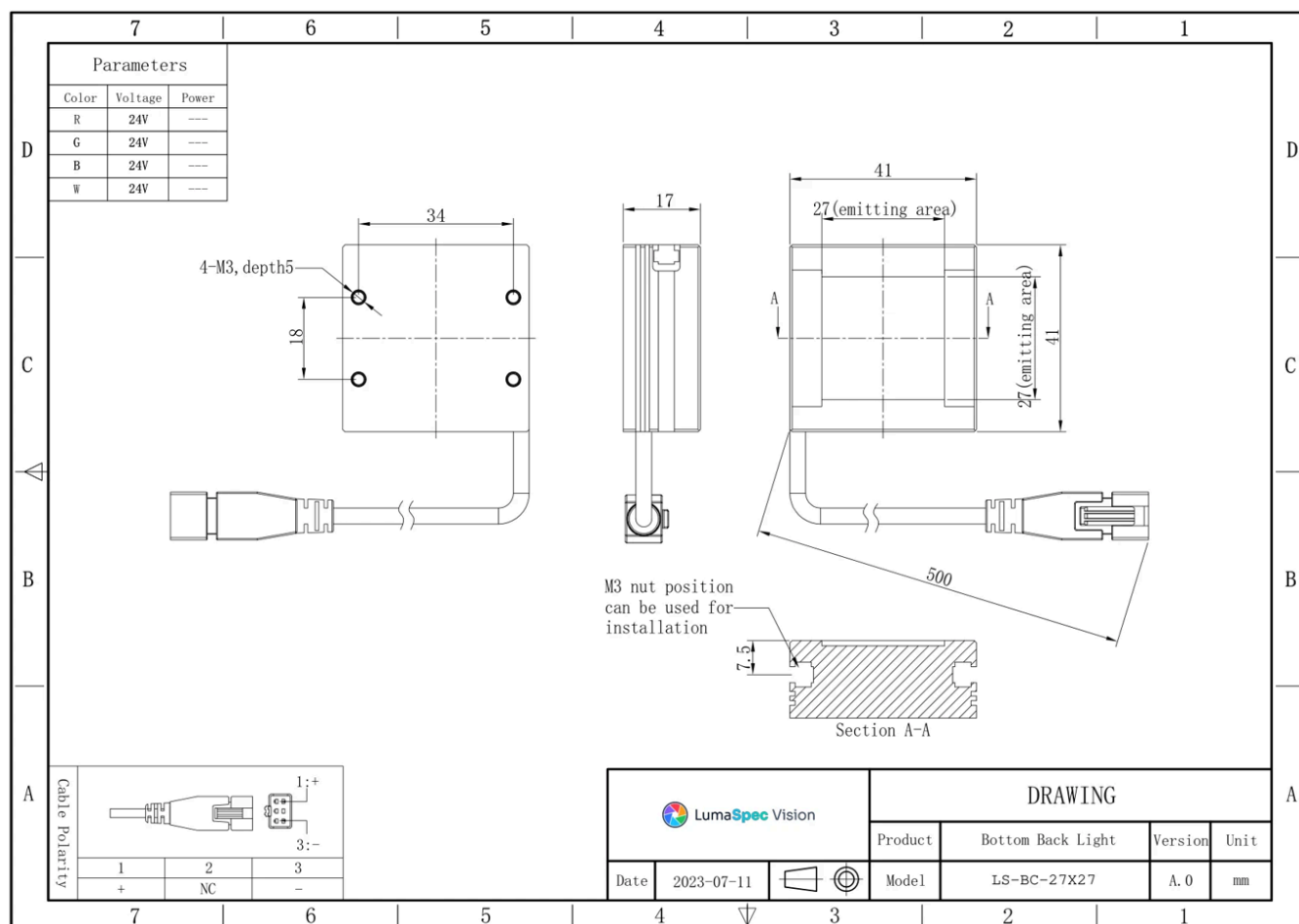
Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
Construction (setup diagram)	LED / housing / diffuser plate
Mounting	4-M3 depth 5 on back; M3 nut slot in side profile
Thickness (mm)	17
Cable length (mm)	500

Models

Model	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-BC-27X27 colours: Red, Green, Blue, White	2.5	2.5	27x27	41x41x17
LS-BC-43X35 colours: Red, Green, Blue, White	2.5	2.5	43x35	57x49x17
LS-BC-50X50 colours: Red, Green, Blue, White	4.3	6.5	50x50	64x64x17
LS-BC-63X60 colours: Red, Green, Blue, White	5.3	8	63x60	77x74x17
LS-BC-83X75 colours: Red, Green, Blue, White	6.3	9.5	83x75	97x89x17
LS-BC-100X100 colours: Red, Green, Blue, White	6.6	10	100x100	114x114x17
LS-BC-200X50 colours: Red, Green, Blue, White	16.5	25	200x50	214x64x17
LS-BC-140X105 colours: Red, Green, Blue, White	9.9	15	140x105	154x119x17
LS-BC-160X120 colours: Red, Green, Blue, White	13.2	20	160x120	174x134x17
LS-BC-200X150 colours: Red, Green, Blue, White	19.8	30	200x150	214x164x17
LS-BC-224X170 colours: Red, Green, Blue, White	16.5	25	224x170	238x184x17
LS-BC-211X200 colours: Red, Green, Blue, White	21.8	33	211x200	225x214x17

Dimensions



Performance

