

Just Bright Lighting

JB Series



Innovative LED lighting
for machine vision

Just Bright lightings in
various dimensions and colors

- High light efficiency
- LED controller inside
- Easy-to-use
- Cost saving

These cost efficient lightings are made for back light and bright field applications. The use of 3D print technology makes an easy adaptation to custom-made sizes possible. The integrated LED controller (-s) with four operation modes, allows an easy integration into any inspection set-up.

Just Bright Lighting - JB Series

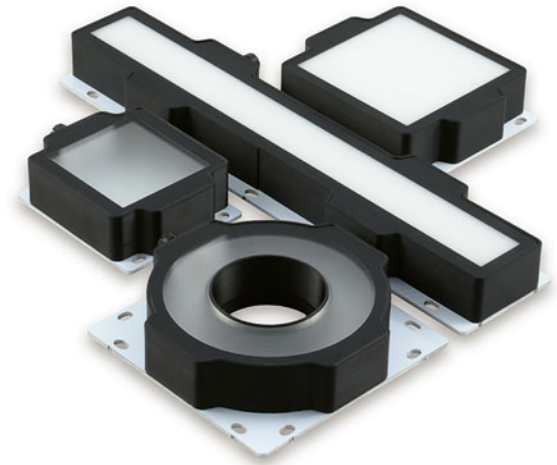
Cost efficient lighting for various applications

The JustBright lighting series is consistently designed for the lowest cost while being sufficient for many top light or back light applications. Using 3D print technology makes this light series easy to adapt to custom-made sizes matching your inspection applications need.

The aluminium base plate is ground and cooling plate in one, the housing is made by sturdy ABS 3D printing material. The light emitting area is covered by PMMA. With a slightly diffuse cover the light is a powerful top light, using a diffuse light field cover the lights becomes a homogeneous back light.

All MBL lightings are designed for the use in the production environment: the electrical connection is made via an M8 connector, which is widely used in the automation industry.

MBJ offers white 5000K (CRI80), red, infrared, green, blue, and yellow LED colors in the standard program, with the white, red, and infrared LED being available from stock.



The JB Series is equipped with various M4 long holes on the aluminum base plate for mounting. For all our lighting 2D and 3D files are available for download on our website.

Specification			
Material	Anodized aluminum housing	Certifications	CE, RoHS
Connector	M8 socket, male, 4 pin	Degree of Protection	IP54
Supply voltage	24 V DC +/- 5%	Humidity	30% to 70%
Op. Temperature	10° Celsius to 30° Celsius	Accessories	Mountings, Filterholder, Filters

Standard Model ¹	Light field	Dimension	LED color ²	Steady power	Price from ³
JBTL-0506 / JBBL-0506	56x60 mm	89x75x29 mm	WT, RD, IR, GN, BE, YE	5.8 W	99 €
JBTL-0808 / JBBL-0808	80x80 mm	113x95x29 mm	WT, RD, IR, GN, BE, YE	7.9 W	149 €
JBTL-1013 / JBBL-1013	30x285 mm	300x64x29 mm	WT, RD, IR, GN, BE, YE	7.9 W	199 €
JBTL-0328 / JBBL-0328	106x135 mm	150x139x29 mm	WT, RD, IR, GN, BE, YE	17.5 W	199 €
JBRL-10	D _i 54 mm/D _o 96 mm	110x110x29 mm	WT, RD, IR, GN, BE, YE	7.9 W	149 €

- 1) JBTL is a slightly diffuse top light, JBBL is a diffuse back light, JBRL is a slightly diffuse ring shape top light
 2) WT=white, RD= red, IR= infrared, GN=green, BE=blue, YE=yellow. Other LED colors on request
 3) Price for a white LED, plus VAT and transportation costs

Operation Modes	Mode description
(-s) internal controller with 4 operation modes	24V steady light, dimmable steady light, triggered light and triggered flash light with up to 100% more intensity
(-x) no controller	External LED control is required