BARLIGHT Series

Inspection of scratches, unevenness and deposits on painted and plated surfaces, debris and scratches on silicon wafers, unevenness of embossments and waviness of panel surfaces.
・Checking glass or plastic plate surfaces for dust
・Checking molded plastic or rubber products of sinks and lighting of mark-off lines for cutting work or jigsaw work.
・Checking painted, plated, ore embossed surfaces for flaws and unevenness.
・Auxiliary lighting for illuminated magnifier (effective when the work piece is difficult to see because of incident illumination)

BARLIGHT Ⅱ

Tilt Stand (Option)

Power supply module
Power cord
Extension cord
Irradiation head
M3 D5
28
44
65
160
38
32
185
214
(mm)

The irradiation data is the value measured at the center of irradiation head in a darkroom.
It is the data of one of mass-produced products and is not an assured data.

BARLIGHT Ⅲ

Tilt Stand (Option)

Power supply module
Power cord
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Irradiation head
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BARLIGHT Ⅱ

Power switch
Irradiation spread angle is not adjustable
Light intensity is not adjustable

Back of the Illumination head

Power supply unit

BARLIGHT Ⅲ

Adjustment knob of irradiation spread angle
Irradiation spread angle is adjustable in the range of 6 to 30 degrees

Light intensity is adjustable with the Dimmer knob.
(Proper illumination intensity is obtained and halation can be prevented)

Power supply, Dimmer knob

	BARLIGHT Ⅱ	BARLIGHT Ⅲ
Light source	High luminance white LED 7 bulbs	
Rated input voltage	AC100V 50/60Hz ※1	
Power cable length (unit : mm)	Power cable : 1800	Joint cable : 1600
Power consumption	9 W	
Specification temperature range	0℃～40℃	
Dustproof and waterproof protection grade	IP40	
Illumination intensity ※2 — Irradiation spread angle of 6 degrees	150mm：24000Lx 200mm:15000Lx 300mm:8400Lx	
Illumination intensity ※2 — Irradiation spread angle of 30 degrees		150mm:17800Lx 200mm:8000Lx 300mm:5000Lx
Dimming function (100% to 50%)		○
Irradiation spread angle adjustment function		○ (6°～30°)
Weight	1.0Kg (Weight of the Illumination head unit only:420g)	1.1Kg (Weight of the Illumination head unit only:470g)

Product name (Set contents)
BARLIGHT Ⅱ (Main unit only)
BARLIGHT Ⅱ-G (Set product with BARLIGHT Grip)
BARLIGHT Ⅱ-F (Set product with BARLIGHT Free-Arm)
BARLIGHT Ⅲ (Main unit only)
BARLIGHT Ⅲ- G (Set product with BARLIGHT Grip)
BARLIGHT Ⅲ- F (Set product with BARLIGHT Free-Arm)

Option name
Tilt stand
Double tilt stand
BARLIGHT grip only
BARLIGHT Free-Arm only

※1 Up to 240V (50/60Hz) can be supported by changing a cable with plug. Please contact our distributors.

※2 Illumination intensity data is measured at the center of the irradiation head in a darkroom. It is data of a unit extracted from mass-produced units, and is not a guaranteed data.