

LED light for checking the surfaces flames BARLIGHT530

NEW

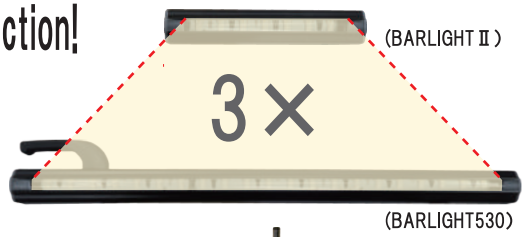


(BARLIGHT II)

It's getting longer!

Product Features Range of illumination of up to 530mm for inspection!

- Enables larger scale inspections not previously possible with past Barlight models.
- 3× of the product conventional irradiation width. (Our product ratio)



(BARLIGHT II)

(BARLIGHT530)

Option Various usage is possible by optional choice.

- Table stand
- Clamp stand
- BARLIGHT grip
- Free-Arm
- Free-Arm with casters stand

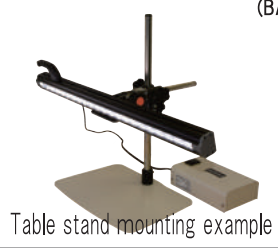
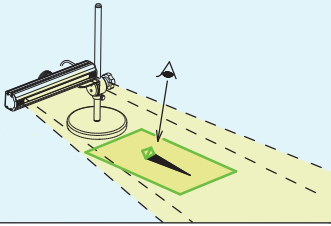


Table stand mounting example

Two inspection methods that Oysuka proposes.

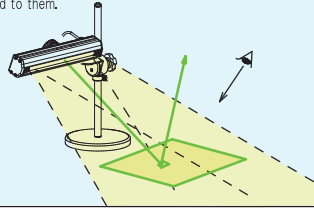
① Surface irradiation method

A plane light is radiated along the surface to be inspected to emphasize unevenness and detect flaws, dust, or defects.



② Diffused reflection method

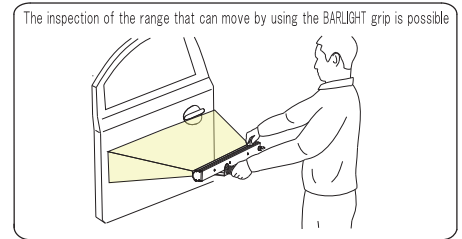
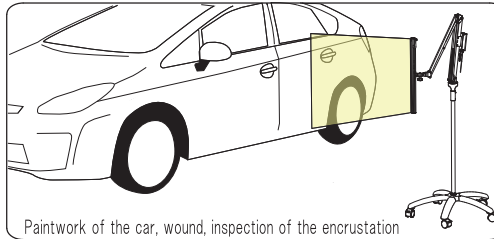
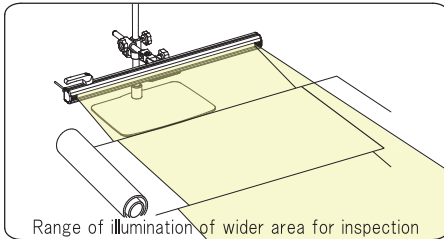
A wide light is radiated over the workpiece at a certain angle to check the reflected light. Unevenness of flaw or foreign materials is emphasized by diffusing only the light applied to them.



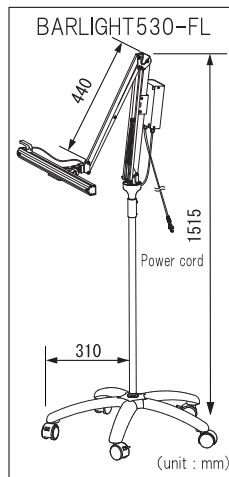
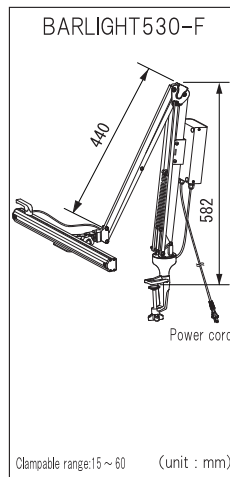
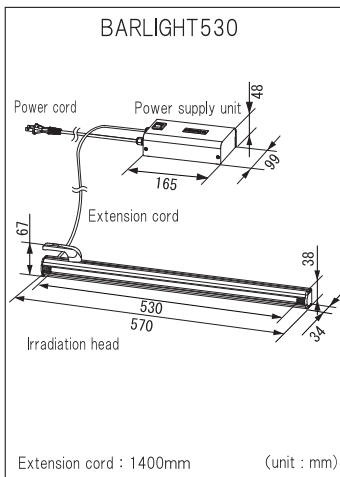
example of use

- Inspection of painted or plated surfaces for flaw and unevenness
- Inspection of molded plastic and rubber product surfaces for sink marks and unevenness
- Inspection of glass and plastic plate surfaces for dust
- Inspection of embossed surfaces for flaw and unevenness
- Auxiliary lighting for illuminated magnifier (effective when the work piece is difficult to see because of incident illumination)

Usage examples: Table Stand, Clamp Stand, Free-arm, Free-arm with casters stand, BARLIGHT grip are optional



Name of specifications, all parts



	BARLIGHT530	BARLIGHT530-F	BARLIGHT530-FL
Light source	High luminance white LED 21 bulbs		
Rated input voltage	AC100V 50/60Hz		
Power cable length (unit:mm)	Power cable : 1800		
Power consumption	24W		
Specification temperature range	0°C ~ 40°C		
Dustproof and waterproof protection grade	IP20	IP40	
Illumination intensity ※1	150mm:19000Lx, 200mm:15000Lx, 300mm:10300Lx, 400mm:7100Lx		
Illumination Irradiation spread angle ※2	6°		
Weight of the illumination head unit only	800g		
Weight	1.6kg	3.4 kg	13.5kg

※1 Up to 240V (50/60Hz) can be supported by changing a cable with plug. Please contact our distributors
 ※2 The irradiation expanse corner does not change

Product name (Set contents)	
BARLIGHT530	(Main unit only)
BARLIGHT530-F	(Set product with Free-Arm)
BARLIGHT530-FL	(Set product with Free-Arm and casters stand)

OPTION

Table Stand

The Table stand can be attached to the BARLIGHT530 using 4 Decorative screws, and used to anchor the product to a flat surface, such as a table

(Note)
Moving and tilting the illumination head beyond the specified angles may result in the product tipping over and damaging the object being observed.

Decorative screws (4pcs) (unit : mm)

Clamp Stand

The Clamp stand can be attached to the BARLIGHT530 using 4 Decorative screws, and used to anchor the product to a flat surface, such as a table

Decorative screws (4pcs) Clampable range: 4 ~ 60 (unit : mm)

Free-Arm

The Free-Arm is a movable arm-type clamp stand that can be attached to the BARLIGHT530 by 4 Decorative screws. The Free-Arm has an incredible range of flexibility, for easy adjustment and precise lighting angles.

Decorative screws (4pcs)

Clampable range: 15 ~ 60

(Note)
This product cannot pass the relay cord of the BARLIGHT530 through its arm extension.

Free-arm with casters stand

The Free-arm with casters stand is a movable arm-type clamp stand that can be attached to the BARLIGHT530 by 4 Decorative screws. The Free-Arm has an incredible range of flexibility, for easy adjustment and precise lighting angles.

Decorative screws (4pcs)

(Note)
This product cannot pass the relay cord of the BARLIGHT530 through its arm extension.

BARLIGHT grip

This grip can be attached to the BARLIGHT with 2 Decorative screws. A handheld illumination head enables more freedom of movement while working. For better stabilization, attach 2 BARLIGHT grips.

Decorative screws (2pcs)

(Note) The appearance and specifications are subject to change without notice.
The contents of this catalogue are as of October 2017

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