

T-Light® Blind makes it possible to balance improved comfort and sense of openness with energy saving through the introduction of natural light.
Reflective natural lighting blinds

T-Light® Blind

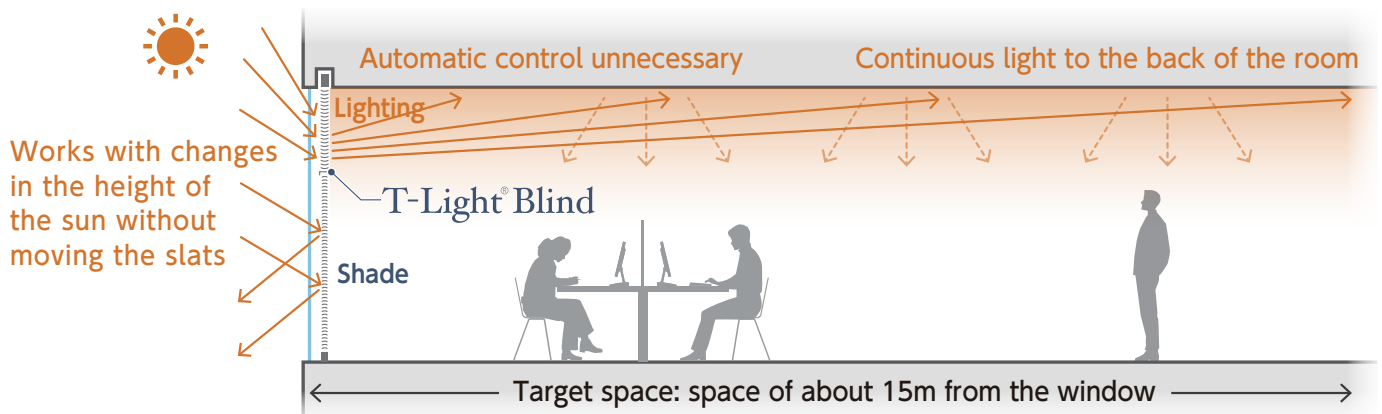


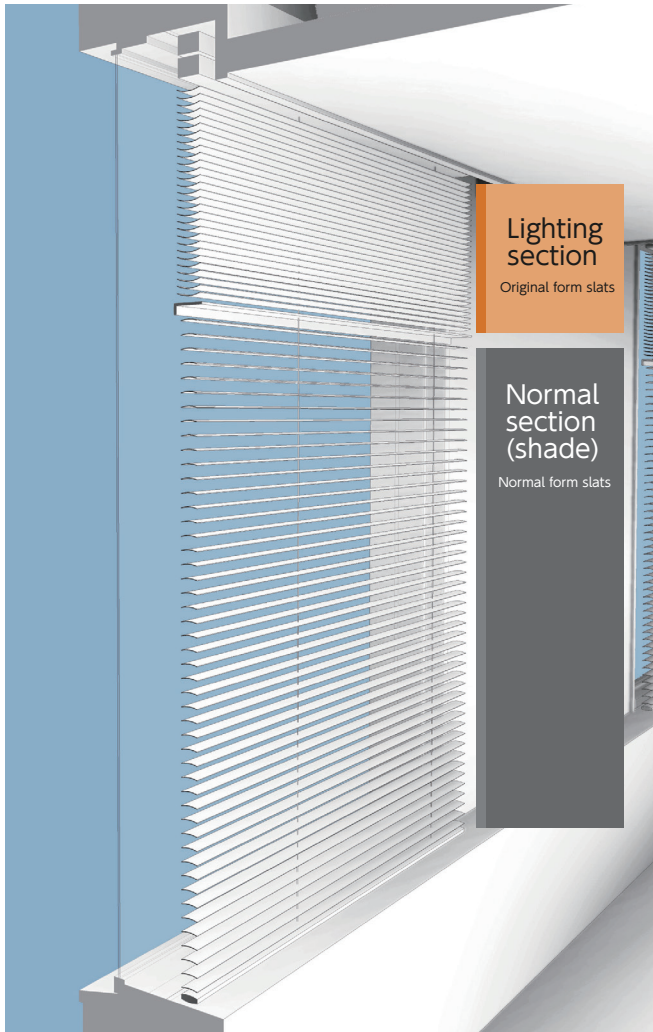
Example of installation at Shinjuku Center Building

T-Light® Blind adapts to changes in the angle and height of the sun using special slats, providing an optimal lighting environment all the way to the back of the room just by installing them in your windows. Installing the lighting section at the top of the window and the shade section on the lower part like normal blinds enables you to control lighting and shading simultaneously. Feel the changing of natural light through the lighting section and see the view outside without losing a sense of openness.



1. Integrated blinds that provide both lighting and shade.
2. Lets changing solar light angles penetrate stably all the way to the back of the room.
3. Contributes to reducing energy needed for lighting by making use of daylight.
4. Installation or replacement in normal windows is possible without the need for electrical work.



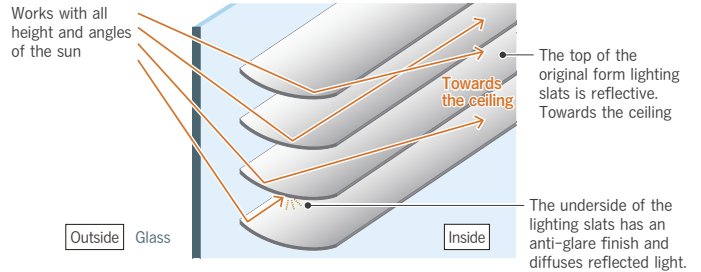


Original Form Lighting Slats (Strips) and Finishing Material

The slats of the lighting section differ from the slats of normal blinds and have a unique form.¹ Whether the sun is high or low, the slats let in an appropriate amount of light all the way to the back of the room without changing the angle of the slats. Additionally, the underside of the slats has an anti-glare finish, further reducing glare.

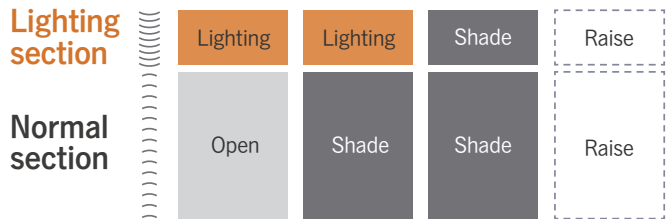
【Detailed Image of the Slats】

※1: 2017-122803 Patent pending



The Lighting Section and Normal Section Can Be Controlled Independently

The blinds can handle various situations (seasons or time) such as by closing the lighting section and normal section slats to darken the room or raising only the normal section to make it more open.



Improve Indoor Lighting and Reduce Energy Use by about 10%

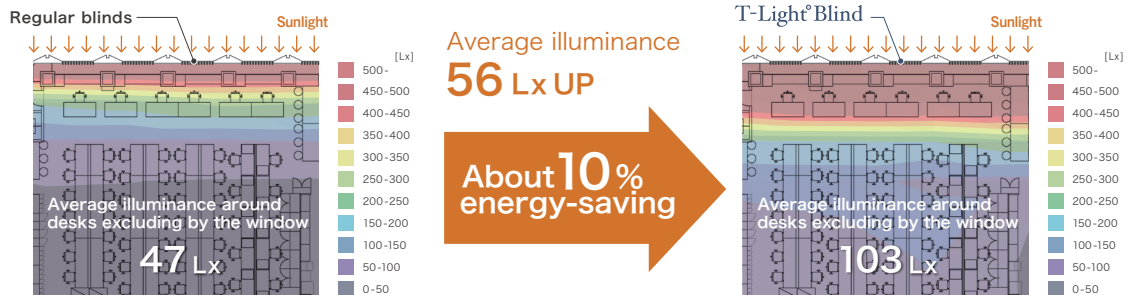
After installing the T-Light Blind in an actual office space and measuring the actual illuminance and comparing it to when regular blinds are installed, results show an energy-saving effect² of about 10% in lighting energy. The diagram below shows an office floor plan with the average illuminance actually measured around the desks in different colors and compares regular blinds with T-Light Blinds.

※2: The measurement results are actual measurements and do not guarantee the performance of the product.

【Average Illuminance Color-Coded Diagram】

Measurement conditions

- Place / office building in Tokyo (south-facing)
- Time of year / October
- Vertical illuminance inside window glass / 27,550 Lx
- Angle of the normal section slats is 45°
- (Indoor lighting illuminance setting / 500-750 Lx)



Easy Installation & Easy Operation

Installation is the same as that of regular blinds, and the upper section (lighting section) and lower section (normal section) can be moved separately. The lighting section cord is used to adjust the angle of the lighting section and the normal section cord is used for raising or lowering the blinds overall and adjusting the angle of the normal section. The slat angle of the lighting section is adjusted so that light reaches the ceiling about 15 m away from the window. (In the case that the depth of the room is less than 15 m, light should reach the corners of the room.)