

The blue light will guide you to a soundly sleep

# Falling asleep with the help of light

Luci Relaxing Blue Series

Luci Co., Ltd.

# Why is blue light good for sleeping?



Blue light has a great impact on regulating your biological clock.

The "blue light" contained in sunlight is involved in the adjustment of your biological clock and necessary amount of melatonin for sleep is secreted depending on the intensity of light.

Difference in melatonin secretion depending on the intensity of blue light



2500lx or more



500lx or less

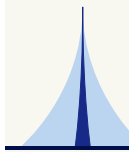
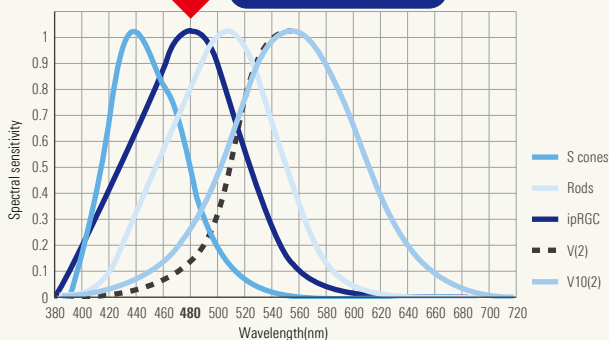
✗ Stops melatonin secretion

○ Causes melatonin secretion

The sensitivity peak of melanopsin, said to be deeply involved in the adjustment of circadian rhythm, is in the blue color area. Relaxing Blue irradiates effective wavelengths at light intensity of the threshold or lower, thus making it highly effective in supporting good night's sleep.

Sensitivity curve of melanopsin (ipRGC)

Peaks at 475 - 485nm

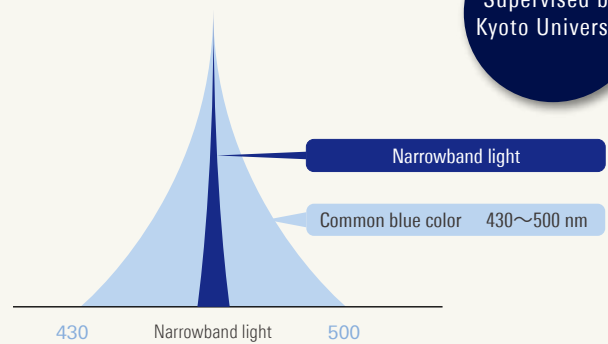


Adopts narrowband light yielding high sedative effect

By irradiating blue LED (of low light intensity which does not inhibit melatonin) with narrowband acting effectively on melanopsin, it has been found that it is effective in relaxation necessary for falling asleep.

Narrowband: literally means narrow band. In optics, it refers to a specific wavelength which has been narrowed down intentionally.

Reference image



Supervised by Kyoto University

Reference image



It has been proved by JET (Japan Electrical Safety & Environment Technology Laboratories) under the applicable standard (JIS C 7550 Section 5.4) that there is no risk of retinopathy.

# But isn't blue light bad for your body?

If intense blue light contained in illumination light enters eyes at night...



Melatonin secretion is inhibited and biological clock cannot be reset. Continued wakefulness due to orexin secretion.



But with Luci Relaxing Blue...



Made to avoid negative effects on human body

Since it uses low-level blue light which does not inhibit melatonin production, there is no impact on the biological clock.



# Luci Relaxing Blue Series Product lineup

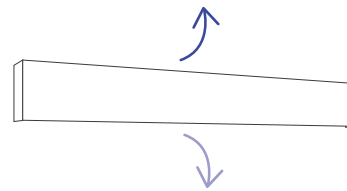


## Luci Relaxing Blue Bracket

Recommended retail price ¥150,000 (tax not included)

For hospital bed sides

Upward irradiation Night light supporting comfortable sleep



Downward irradiation White light suitable for reading and deskwork



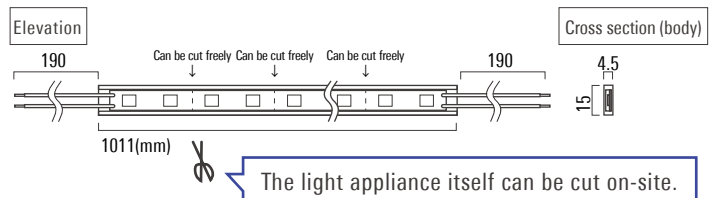
## Luci Power FLEX Relaxing Blue

Design Patent No. 1288715 acquired, Technology Patent No. 3916651 acquired

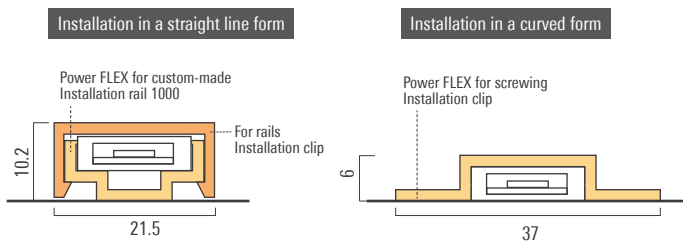
Regular price ¥35,000/m (tax not included)

Compact cross section size

Comes with many optional products and can be installed in both curved form and straight line form



Actual size of the optional products when installed



Coming soon

## Luci Relaxing Blue Desk Stand Type

Light alarm function

Illuminance adjustment function

Flexible neck

## Brand & Company

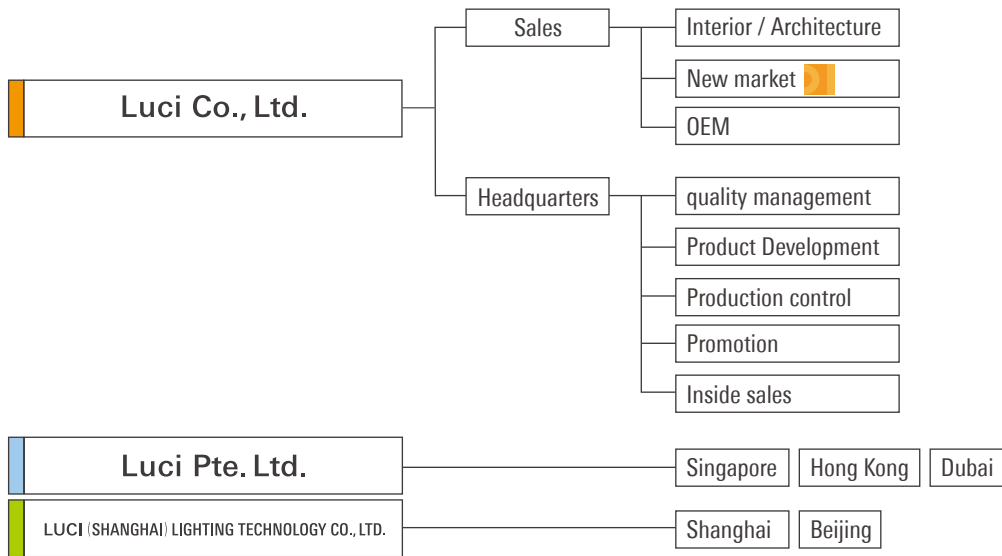
2004 - Contents Co., Ltd., established(Established 1995)

2005 - Luci Division established

2011 - Contents Co., Ltd., and info-P Co., Ltd., merged,  
the Company name was changed to PROTERAS CO., LTD.,  
and the advertisement production division  
was spun off to become a Contents Co., Ltd. (a wholly owned subsidiary).

2015 - Luci Co.,Ltd, as part of its transition into Teras Holdings Co.,Ltd.

## Organization chart



## Company & Information

### Luci Co., Ltd.

#### Tokyo Japan Regional HQ

Akasaka Bldg. 4F, 4-13-13, Akasaka, Minato-ku, Tokyo 107-0052, Japan

Tel : +81-3-6327-7409

#### Osaka Office

Yotsubashinakano Bldg. 3F, 1-1-14, Minamihorie, Nishi-ku, Osaka-shi, Osaka 550-0015, Japan

Tel : +81-6-6110-7520

#### Group company

### Luci Pte. Ltd.

#### Singapore World HQ

52A Tanjong Pagar Road, Singapore 088473

Tel : +65-6291-2410

#### Hong Kong Marketing Office

Room 1801, 18/F, Kwai Hung Holdings Centre, 89 King's Road, North Point, Hong Kong

Tel : +852-2219-8462

#### Dubai Marketing Office

5WA 331, DAFZA, Dubai, United Arab Emirates

Tel: +971-54-446-0350

#### Group company

### LUCI (SHANGHAI) LIGHTING TECHNOLOGY CO., LTD.

#### Shanghai China mainland Regional HQ

Rm.1804, South Building, 300 Xuanhua Rd., Changning District, Shanghai(200050)PRC.

Tel : +86-21-5238-9115

#### Beijing Office

Rm.1030 Building102, (Qingnian Rd) Qingniangongshe.,  
Chaoyang North Rd, Chaoyang District, Beijing(100026)PRC.

Tel : +86-10-6556-9541

#### Partner Company

### SANSHO Korea CO.,LTD.

SaeWoong Tower 15F, 141-6 SamSeong2-Dong, GangNam-Gu, Seoul, 135-876 Korea

Tel : +82-2-508-2541

