



NEW:
T5 HE AND
OSRAM DULUX® L
IN SKYWHITE®

Activates and motivates: SKYWHITE® light color from OSRAM.

Available in 3 lamp types: LUMILUX® T8, T5
and new OSRAM DULUX® L.



SEE THE WORLD IN A NEW LIGHT

OSRAM



SKYWHITE® – a new dimension in light.

With LUMILUX SKYWHITE®, OSRAM has brought a new light color into play. These innovative lamps produce a heavenly light and are the first choice wherever mental and physical performance need a little support. SKYWHITE® is available now as LUMILUX® fluorescent lamps in T8 and T5 HO/HE and as OSRAM DULUX® L compact fluorescent lamps.

A new quality of light: activates and motivates.

SKYWHITE® fluorescent and compact fluorescent lamps with light color 880 (color temperature 8 000 K with good color rendering) are characterized by their impressive quality of light. They emit a large proportion of “blue” light in the wavelength range from 410 to 460 nm and therefore come very close to the character of natural daylight. This in turn means that SKYWHITE® improves contrast and reduces visual fatigue – and that is known to boost mental and physical performance. The high luminous flux and high efficiency (up to 85 lm/W) of SKYWHITE® are equally impressive.

Versatility.

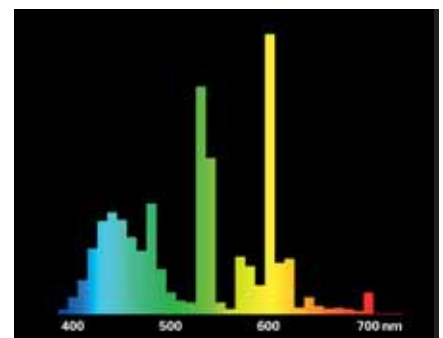
LUMILUX SKYWHITE® T8 and T5 and OSRAM DULUX® L SKYWHITE® are the ideal choice wherever high levels of concentration, attentiveness and well-being are needed in conjunction with special visual requirements:

- Corporate and public buildings – in stairwells and corridors, single and open-plan offices, conference rooms and hospitality rooms
- Modern industrial plants and production complexes – day and night, including shift work



What is the “right” light? Balanced adaptive illumination that meets our needs. To meet these needs, OSRAM offers light sources from warm white to daylight white to SKYWHITE®.

- Fitness centers, training rooms, classrooms, libraries, auditoriums, reading rooms, retail premises and medical practices



Spectral power distribution: Light color 880.



Now in three lamp types: LUMILUX® T8, T5 and OSRAM DULUX® L.

LUMILUX SKYWHITE® fluorescent lamps are available as classic T8 lamps with 26 mm tube diameters in 18, 30, 36, 38 and 58 W versions and as modern compact T5 lamps (16 mm) in the particularly bright HO version ("High Output") in wattages of 24, 39, 49, 54 und 80 W. Newcomers are the T5 lamps in economical HE versions ("High Efficiency") in wattages of 14, 21, 28 and 35 W. The range of OSRAM DULUX® L SKYWHITE® compact fluorescent lamps in wattages of 36, 40, 55 and 80 W has also been expanded. The SKYWHITE® portfolio now covers a much wider range of applications.

Switching over to climate protection together.

OSRAM takes a responsible approach to natural resources, avoids waste and develops durable eco-friendly products – such as OSRAM DULUX® L SKYWHITE®.

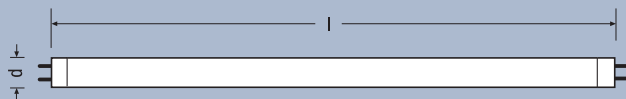
For examples and a calculator go to: www.osram.com/light-consultant

Planning with OSRAM pays off. There are sample calculations for various applications and lighting systems on the internet where you can calculate the approximate potential energy savings for your own applications.



To ensure that SKYWHITE® lamps can produce their full effect they should be used in luminaires designed specifically for them with appropriate glare reduction, optimum directional light and flickerfree electronic operation.

TECHNICAL DATA



| OSRAM LUMILUX SKYWHITE® T8 | 18 W | 30 W | 36 W | 38 W | 58 W |
|--------------------------------------|--------|--------|--------|--------|--------|
| Color temperature K | 8000 | 8000 | 8000 | 8000 | 8000 |
| Light color | 880 | 880 | 880 | 880 | 880 |
| Color rendering group/R _a | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 |
| Luminous flux lm | 1300 | 2350 | 2900 | 2950 | 4900 |
| Diameter d (mm) | 26 | 26 | 26 | 26 | 26 |
| Length l (mm) | 590 | 895 | 1200 | 1047 | 1500 |

| OSRAM LUMILUX SKYWHITE® T5 HO | 24 W | 39 W | 49 W | 54 W | 80 W |
|---|--------|--------|--------|--------|--------|
| Color temperature K | 8000 | 8000 | 8000 | 8000 | 8000 |
| Light color | 880 | 880 | 880 | 880 | 880 |
| Color rendering group/R _a | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 |
| Luminous flux at 25°C (as per IEC 60081) lm | 1550 | 2750 | 4050 | 4000 | 5550 |
| Luminous flux at 35°C (max. lumen) lm | 1850 | 3225 | 4600 | 4650 | 6550 |
| Diameter d (mm) | 16 | 16 | 16 | 16 | 16 |
| Length l (mm) | 549 | 849 | 1449 | 1149 | 1449 |

| OSRAM LUMILUX SKYWHITE® T5 HE | 14 W | 21 W | 28 W | 35 W |
|---|--------|--------|--------|--------|
| Color temperature K | 8000 | 8000 | 8000 | 8000 |
| Light color | 880 | 880 | 880 | 880 |
| Color rendering group/R _a | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 |
| Luminous flux at 25°C (as per IEC 60081) lm | 1050 | 1700 | 2350 | 3000 |
| Luminous flux at 35°C (max. lumen) lm | 1250 | 1900 | 2700 | 3450 |
| Diameter d (mm) | 16 | 16 | 16 | 16 |
| Length l (mm) | 549 | 849 | 1149 | 1449 |



Dimensions in mm



| OSRAM DULUX® L SKYWHITE® | 36 W | 40 W | 55 W | 80 W |
|--------------------------------------|--------|--------|--------|--------|
| Color temperature K | 8000 | 8000 | 8000 | 8000 |
| Light color | 880 | 880 | 880 | 880 |
| Color rendering group/R _a | 1B/≥80 | 1B/≥80 | 1B/≥80 | 1B/≥80 |
| Luminous flux lm | 2600 | 3000 | 4100 | 5600 |
| Diameter d (mm) | 17.5 | 17.5 | 17.5 | 17.5 |
| Max. length to IEC l (mm) | 415 | 535 | 535 | 565 |