



2nd generation
now with LED
replacement kit

Light is simple

Siteco Compact Monsun[®] LED

Robust and dependable – the LED replacement for T8 damp-proof luminaires.

Light is OSRAM

Efficient lighting in diverse surroundings

Compact Monsun® LED is the robust and durable lighting family for standard applications in damp and dusty industrial surroundings. The Compact Monsun® LED represents the LED expansion in the successful Monsun® range, bringing together reliable, solid housing design with economic operation and the long lifespan of LED luminaires.

With luminous efficacy to 144 lm/W and a system service life of up to 50,000 hours (L80/B50), Compact Monsun® luminaires represent maximum reliability, robustness, easy mounting and quality. High quality workmanship, state-of-the-art optics and a high IP65 protection rating also

make the Compact Monsun® LED the first choice for lighting in challenging ambient conditions. The luminaires are ideal low-maintenance, energy-efficient replacements for conventional T8 lighting systems with 1 x 36/58 W or 2 x 36/58 W.

Applications include ancillary, storage and utility rooms in challenging industrial environments and food industry, car parks or canopied outdoor areas – the IP65 protected damp-proof luminaire is suitable for a variety of applications with ambient temperatures from -25° C to +35° C .





Compact Monsun® LED – an overview of benefits

- Optimised, high-efficiency LED system (up to 144 lm/W)
- CRI > 80, light colour 4000 K
- Luminaire with IP65 protection rating, insulation class I
- Temperature range: -25° C...+35° C
- Service life up to 50,000 h @ 25° C (L80/B50) or 40,000 h @ 35° C (L80/B50)
- Glass-fibre reinforced polyester housing
- Cover of opalised PMMA
- LEDs with touch protection for high installation/operating safety: light engine integrated in the diffuser
- Luminaires with halogen-free wiring
- Two construction lengths: 1277 mm/1577 mm
- Complies with IFS* requirements for food industry applications

*International Featured Standards

Refurbishing made easy

The Compact Monsun® LED with two construction lengths and various lumen packages is a tough and highly durable luminaire featuring high flexibility, and is ideal for standard applications indoors and in canopied outdoor areas with normal ambient temperatures in damp, dusty surroundings. With wide-ranging and installation-friendly accessories, the Compact Monsun® LED is suitable for ceiling surface-mounting, suspended mounting and installing to rails, thus offering wide flexibility during installation, precisely according to requirements.

The LED module and LED control unit are optimally matched to provide reliable and efficient lighting results, and this ensures a long system service life and complete exploitation of the LED module's efficiency potential. With the opalised prismatic cover this generates wide light distribution with good quality of light.

The optical system mounted in the diffuser also functions as a gear tray for the LED module and control units, and the prismatic cover cuts out glare from the light to achieve a UGR value of ≤ 25 .

Efficient lighting technology and simple mounting are the major advantages of the Compact Monsun® LED: obsolete systems with Monsun® T8 can be replaced, and the existing mounting points and installation can continue to be used. This saves time, and more significantly costs when upgrading to the LED. Existing housings can also be quickly and simply upgraded with the new replacement kits, thus saving further installation costs especially for existing systems with through-wiring.

2nd generation
now with LED
replacement kit

Minimum effort, maximum performance: the Compact Monsun® LED replacement kit

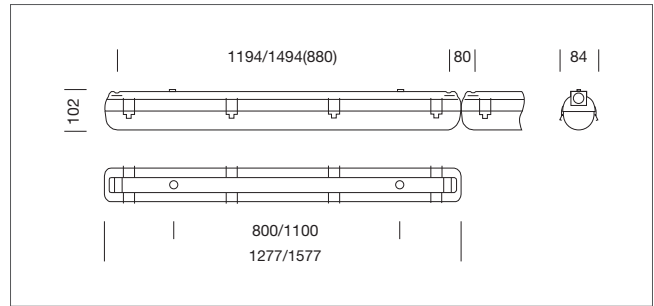
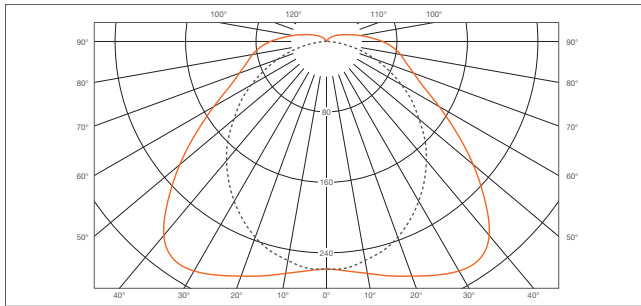
Specifically designed for the energy-efficient upgrading of obsolete lighting systems with through-wiring, the Compact Monsun® LED range offers a future-safe and sustainable solution – the LED replacement kit.

Refurbishing complexity is minimal and cost-optimised, and is simply carried out during the course of a routine maintenance interval.



- 1 De-energize the luminaire, open cover
- 2 Remove the standard fluorescent lamp
- 3 Open the old gear tray
- 4 Disconnect the gear tray
- 5 Remove the gear tray

- 6 Remove the reflector holder
- 7 Mount the holder for suspension
- 8 Hook in the cover with LED gear tray
- 9 Connect the LED gear tray
- 10 Close the cover – done!



Compact Monsun® LED

Wide distribution, CRI >80, service life 50,000 hrs. (L80/B50 @ T_a 25° C), suitable for ambient temperatures from -25° C to +35° C

| Type | K | lm | CG | Order No. OSRAM | Order No. Siteco |
|-------------------------------------|------|------|--------|--------------------|---------------------|
| Luminaire | | | | | |
| Compact Monsun LED, 1277 x 84 x 102 | 4000 | 2400 | ON/OFF | 4050737844978 | 2LS71271T24A |
| Compact Monsun LED, 1277 x 84 x 102 | 4000 | 4100 | ON/OFF | 4050737844992 | 2LS71271T44A |
| Compact Monsun LED, 1577 x 84 x 102 | 4000 | 3600 | ON/OFF | 4050737846705 | 2LS71271V34A |
| Compact Monsun LED, 1577 x 84 x 102 | 4000 | 6000 | ON/OFF | 4050737846729 | 2LS71271V54A |
| Compact Monsun LED, 1277 x 84 x 102 | 4000 | 2400 | DALI | 4050737846750 | 2LS712D1T24A |
| Compact Monsun LED, 1277 x 84 x 102 | 4000 | 4100 | DALI | 4050737846767 | 2LS712D1T44A |
| Compact Monsun LED, 1577 x 84 x 102 | 4000 | 3600 | DALI | 4050737846774 | 2LS712D1V34A |
| Compact Monsun LED, 1577 x 84 x 102 | 4000 | 6000 | DALI | 4050737846781 | 2LS712D1V54A |

— Energy efficiency class of LED modules contained: A++, A+, A. LED modules are non-replaceable

Replacement kit

Narrow housing, replaces 1 x 36W or 1 x 58W

| | | | | | |
|-------------------------------------|------|------|--------|---------------|---------------|
| Compact Monsun LED, 1271 x 84 x 102 | 4000 | 2400 | ON/OFF | 4050737844985 | 2LS71271T24AR |
| Compact Monsun LED, 1571 x 84 x 102 | 4000 | 3600 | ON/OFF | 4050737846712 | 2LS71271V34AR |

Wide housing, replaces 2 x 36W or 2 x 58W

| | | | | | |
|---------------------------------------|------|------|--------|---------------|---------------|
| Compact Monsun LED, 1271 x 130 x 110* | 4000 | 4100 | ON/OFF | 4050737846736 | 2LS71272T44AR |
| Compact Monsun LED, 1571 x 130 x 110* | 4000 | 6300 | ON/OFF | 4050737846743 | 2LS71272V64AR |

— Energy efficiency class of LED modules contained: A++, A+, A. LED modules are non-replaceable

Accessories

| | | |
|---|---------------|------------|
| Through-wiring set, 3 x 1.5 mm ² | 4039806171436 | 5LS44301EK |
| Through-wiring set, 5 x 1.5 mm ² | 4039806171450 | 5LS44311EK |
| Through-wiring set, 5 x 2.5 mm ² | 4039806171481 | 5LS44321EK |
| Through-wiring set, 5 x 1.5 mm ² (for non-interrupted continuous rows) | 4039806171511 | 5LS44211EK |
| Supplementary terminal (for non-interrupted continuous rows, end of row) | 4039806367907 | 5LS44200EK |
| Twin entry grommet | 4039806166180 | 5LS32200XV |
| Wall mounting set | 4039806606914 | 5LS44003 |
| Mounting set for DUS rails 5LS90920E/5LS90930E | 4039806171559 | 5LS44002 |
| Mounting set for plastic rail (GRP) 5LS9011EN/2EN/3EN | 4039806171696 | 5LS91120EC |
| Chain, galvanised | 4039806184290 | 5LY9001 |
| Chain, V2A | 4039806184313 | 5LY9002 |
| Quick-release link, V2A | 4039806184368 | 5LY9004 |
| Theft protection | 4050737600444 | 5LS59201 |
| Vandal protection (for housing width 84 mm) | 4039806168542 | 5LS44101 |
| Vandal protection (for housing width 130 mm) | 4039806168566 | 5LS44102 |
| Chain suspension, V2A (replacement) | 4039806171535 | 5LS44001 |

Spare diffusers

| | | |
|--|---------------|------------|
| Opalised PMMA, for 2LS7... housing, L = 1271 mm, W = 84 mm | 4050737846798 | 2LS74901CW |
| Opalised PMMA, for 2LS7... housing, L = 1571 mm, W = 84 mm | 4050737846811 | 2LS74901EW |
| Opalised PMMA, for 2LS7... housing, L = 1271 mm, W = 130 mm* | 4050737846835 | 2LS74902CW |
| Opalised PMMA, for 2LS7... housing, L = 1571 mm, W = 130 mm* | 4050737846859 | 2LS74902EW |

*planned availability from October 2015



OSRAM GmbH

Head office:

Marcel-Breuer-Strasse 6
80807 Munich | Germany
Phone +49 89 6213-0
Fax +49 89 6213-2020
www.osram.com

Siteco Beleuchtungstechnik GmbH

Head office:

Georg-Simon-Ohm-Strasse 50
83301 Traunreut | Germany
Phone +49 8669 33-0
Fax +49 8669 33-397
www.siteco.com

Member of

