

# PRODUCT DATASHEET

## TruSys W 53 W 4000 K SI

TruSys WIDE | Luminaire inserts with wide light distribution



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### AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- Industry halls, high rack warehouse, garages, hardware stores
- Discounters, supermarkets

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### PRODUCT BENEFITS

- Innovative optical design with a rod lense-technology over the entire length of the luminaire
- Internal holders prevent the luminaire from falling while being mounted
- Easy electrical and mechanical connection to the energy rail via snap-in mounting
- Homogenous light distribution
- Clean look as mounting brackets are not visible when mounted
- Plug-and-play system allows easy installation
- High-value design
- Rows of up to 81 luminaires and a overall length of 124 m possible
- Energy savings of up to 65 % compared to luminaires with 2 x 80 W T5 lamps

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### PRODUCT FEATURES

- Beam angle: 105°
- Luminous efficacy: up to 135 lm/W
- Fixed energy taps for electrical connection



- High-quality aluminum casing
- Type of protection: IP20
- Follows the unified LEDVANCE design language (SCALE design)

## TECHNICAL DATA

### Electrical data

|                        |                       |
|------------------------|-----------------------|
| Nominal wattage        | 53.00 W               |
| Operating mode         | Integrated LED driver |
| Nominal voltage        | 220...240 V           |
| Mains frequency        | 50/60 Hz              |
| Power factor $\lambda$ | $\geq 0.95$           |

### Luminaire control gear data

|  |    |
|--|----|
| Max. no. of lum. on circuit break. B16 A | 16 |
| Max. no. of lum. on circuit break. C10 A | 15 |
| Max. no. of lum. on circuit break. C16 A | 27 |

### Photometrical data

|                                      |                           |
|--------------------------------------|---------------------------|
| Color temperature                    | 4000 K                    |
| Color rendering index Ra             | $\geq 80$                 |
| Light color (designation)            | Cool White                |
| Luminous flux                        | 7200 lm                   |
| Luminous efficacy                    | 135 lm/W                  |
| Standard deviation of color matching | $\leq 3$ sdc <sub>m</sub> |

### Light technical data

|            |          |
|------------|----------|
| Beam angle | 105.00 ° |
|------------|----------|

### Dimensions & weight

|                |           |
|----------------|-----------|
| Length         | 1534 mm   |
| Width          | 71.0 mm   |
| Height         | 53.0 mm   |
| Product weight | 1740.00 g |

### Colors & materials

|                |                               |
|----------------|-------------------------------|
| Housing color  | Silver                        |
| Product color  | Silver                        |
| Body material  | Aluminum                      |
| Cover material | Polymethylmethacrylate (PMMA) |

### Temperatures & operating conditions

|                                  |             |
|----------------------------------|-------------|
| <b>Ambient temperature range</b> | -20...45 °C |
|----------------------------------|-------------|

### Lifespan

|                              |         |
|------------------------------|---------|
| <b>Lifespan L70 at 25 °C</b> | 75000 h |
| <b>Lifespan L80 at 25 °C</b> | 50000 h |
| <b>Lifespan L90 at 25 °C</b> | 35000 h |

### Additional product data

|                          |                   |
|--------------------------|-------------------|
| <b>Mounting type</b>     | Suspended/Surface |
| <b>Mounting location</b> | Mounting rail     |

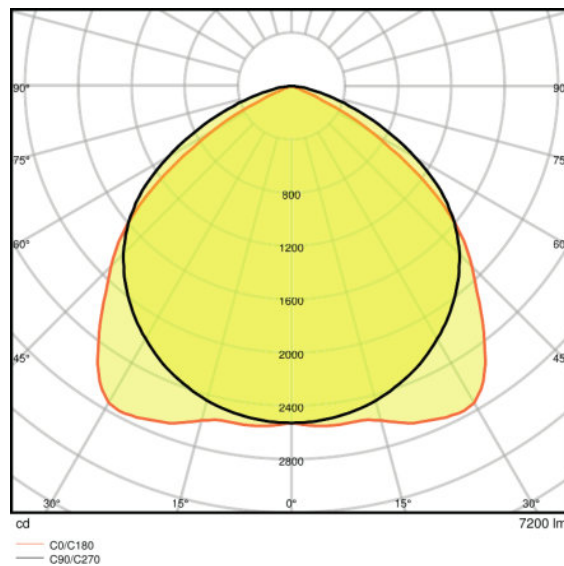
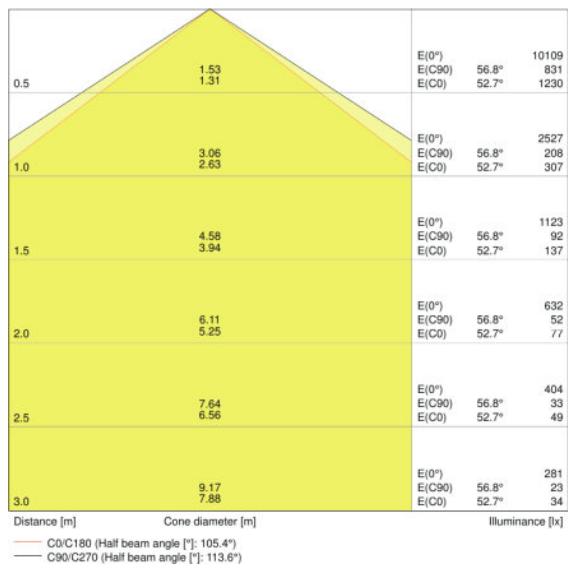
### Capabilities

|                               |                    |
|-------------------------------|--------------------|
| <b>Dimmable</b>               | No                 |
| <b>Type of connection</b>     | Plug-In connection |
| <b>LED module replaceable</b> | Not replaceable    |

### Certificates & standards

|  |                             |
|--|-----------------------------|
| <b>Type of protection</b>                      | IP20                        |
| <b>Protection class</b>                        | I                           |
| <b>Protection class IK (shock resistance)</b>  | IK07                        |
| <b>Glow Wire Test according to IEC 695-2-1</b> | 650 °C                      |
| <b>Photobiological safety group EN62778</b>    | RG 1                        |
| <b>Photobio. safety group acc. to EN62471</b>  | RG 1                        |
| <b>Standards</b>                               | CE/CB/TÜV SÜD/ENEC/EAC/RoHS |

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Energy rail with fixed integrated 5-pole cable

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075100473 | Folding carton box<br>1      | 58 mm x 1552 mm x 82 mm              | 1905.00 g    | 7.38 dm <sup>3</sup>  |
| 4058075100480 | Shipping carton box<br>3     | 1561 mm x 186 mm x 94 mm             | 6670.00 g    | 27.29 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.