# PRODUCT DATASHEET
# TruSys DALI WW 53 W 3000 K SI

**TruSys DALI WALLWASHER | Luminaire inserts with asymmetrical light distribution and DALI interface**



## AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- Discounters, supermarkets

## 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
- Single directional light distribution for lighting and accentuation of walls or advertisements
- Clean look as mouting brackets are not visible when mounted
- Plug-and-play system allows easy installation
- High-value design
- Rows of up to 99 luminaires and a overall length of 151 m possible
- Energy savings of up to 65 % compared to luminaires with 2 x 80 W T5 lamps

## PRODUCT FEATURES

- DALI control gear integrated
- Asymmetric wallwasher light distribution with beam angle 45°
- Luminous efficacy: up to 135 lm/W




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- 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 λ** | ≥0.95 |

### Photometrical data

| | |
|---|---|
| **Color temperature** | 3000 K |
| **Color rendering index Ra** | ≥80 |
| **Light color (designation)** | Warm White |
| **Luminous flux** | 5700 lm |
| **Luminous efficacy** | 110 lm/W |
| **Standard deviation of color matching** | ≤3 sdcm |

### Light technical data

| | |
|---|---|
| **Beam angle** | 45 ° |

### Dimensions & weight

| | |
|---|---|
| **Length** | 1534 mm |
| **Width** | 71.0 mm |
| **Height** | 53.0 mm |
| **Product weight** | 1800.00 g |

### Colors & materials

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

### Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | -20…45 °C |

### Lifespan

| | |
|---|---|
| **Lifespan L70 at 25 °C** | 75000 h |


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| | |
|---|---|
| **Lifespan L80 at 25 °C** | 50000 h |
| **Lifespan L90 at 25 °C** | 35000 h |

## Additional product data

| | |
|---|---|
| **Mounting type** | Suspended/Surface |
| **Mounting location** | Mounting rail |
| **Product remark** | Available from July 2018 |

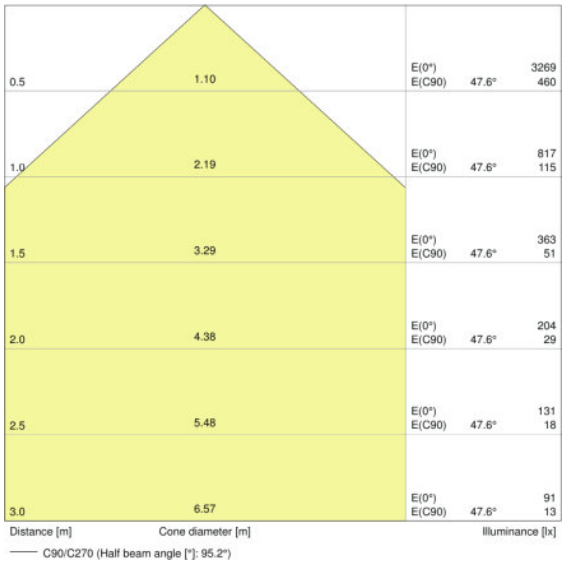
## Capabilities

| | |
|---|---|
| **Dimmable** | Yes |
| **Type of connection** | Terminal |
| **LED module replaceable** | Not replaceable |

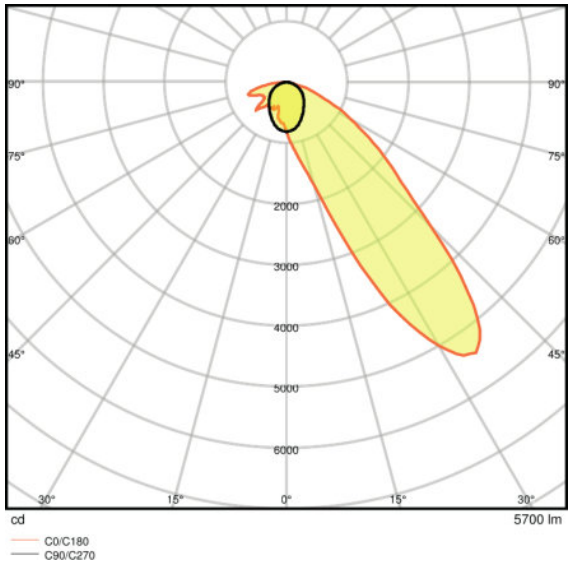
## Certificates & standards

| | |
|---|---|
| **Type of protection** | IP20 |
| **Protection class** | I |
| **Protection class IK (shock resistance)** | IK07 |
| **Photobiological safety group** | RG 1 |
| **Standards** | CE/CB/TÜV SÜD/ENEC/EAC/RoHS |

## Light Distribution




LDC typ cone




LDC typ polar


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## EQUIPMENT / ACCESSORIES

– Energy rail with fixed integrated 7-pole cable

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4058075102583 | TruSys DALI WW 53 W 3000 K SI | Shipping carton box 3 | 1561 mm x 186 mm x 94 mm | 27.29 $dm^3$ | 6320.00 g |

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

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