

PRODUCT DATASHEET

TruSys WW 53 W 6500 K SI

TruSys WALLWASHER | Luminaire inserts with asymmetrical light distribution

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 mounting rail via snap-in mounting
- Single directional light distribution for lighting and accentuation of walls or advertisements
- 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 (On-Off) / 91 (DALI) luminaires and an overall length of 124 m (On-Off) / 151 m (DALI) possible
- Energy savings of up to 65 % compared to luminaires with 2 x 80 W T5 lamps
- Version with DALI ECG available

PRODUCT FEATURES

- Asymmetric wallwasher light distribution with beam angle 45°
- 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 λ	≥ 0.95
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
Inrush current	30 A
Total harmonic distortion	< 6.1 %
Inrush current time T_{h50}	250 μ s

Luminaire control gear data

Low flicker	Yes
--------------------	-----

Photometrical data

Color temperature	6500 K
Color rendering index Ra	≥ 80
Light color (designation)	Cool Daylight
Luminous flux	6100 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	≤ 3 sdcn

Light technical data

Beam angle	45 °
-------------------	------

Dimensions & weight



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

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
----------------------------------	--------------

Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	75000 h
Lifespan L80/B10 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	35000 h

Additional product data

Mounting type	Suspended/Surface
Mounting location	Mounting rail
Low flicker	Yes

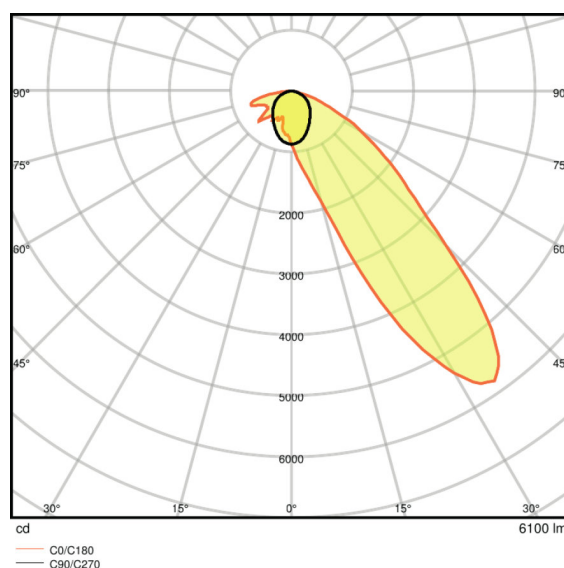
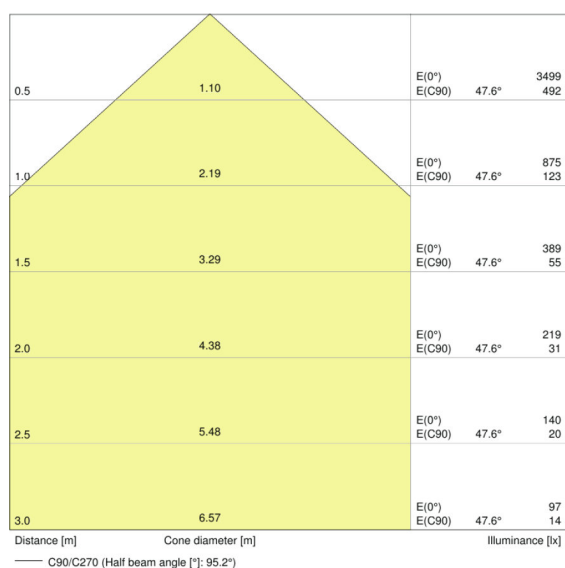
Capabilities

Dimmable	No
Type of connection	Plug-In connection
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP20
Protection class	I
Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG1
Photobio. safety group acc. to EN62471	RG1
Standards	CE/CB/TÜV SÜD/ENEC/EAC

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Mounting rail with fixed integrated 5- (On-Off) / 7-pole (DALI) cable

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075100619	Folding carton box 1	58 mm x 1552 mm x 82 mm	1905.00 g	7.38 dm ³
4058075100626	Shipping carton box 3	1561 mm x 186 mm x 94 mm	6140.00 g	27.30 dm ³

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.