PRODUCT DATASHEET
TruSys NFL 53 W 6500 K SI

TruSys NARROW | Luminaire inserts with narrow light distribution



AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- Industry halls, high rack warehouse, garages, hardware stores
- 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
- Narrow-beam light distribution for application in rooms with high ceilings
- Clean look as mouting 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

PRODUCT FEATURES

- Narrow beam angle: 25°
- Luminous efficacy: up to 135 lm/W
- Fixed energy taps for electrical connection



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- 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	6500 K
Color rendering index Ra	≥80
Light color (designation)	Cool Daylight
Luminous flux	6500 lm
Luminous efficacy	125 lm/W
Standard deviation of color matching	≤3 sdcm

Light technical data

Beam angle	25.00 °

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

Ambient temperature range	-20...45 °C

Lifespan

Lifespan L70 at 25 °C	75000 h
Lifespan L80 at 25 °C	50000 h

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Lifespan L90 at 25 °C	35000 h

Additional product data

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

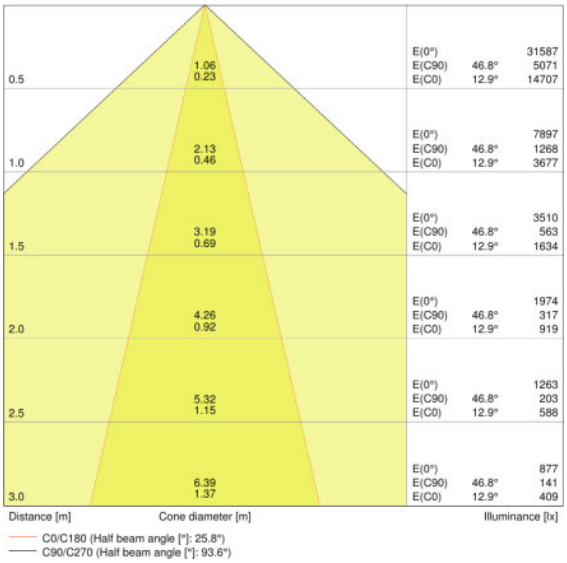
Capabilities

Dimmable	No
Type of connection	Terminal
LED module replaceable	Not replaceable

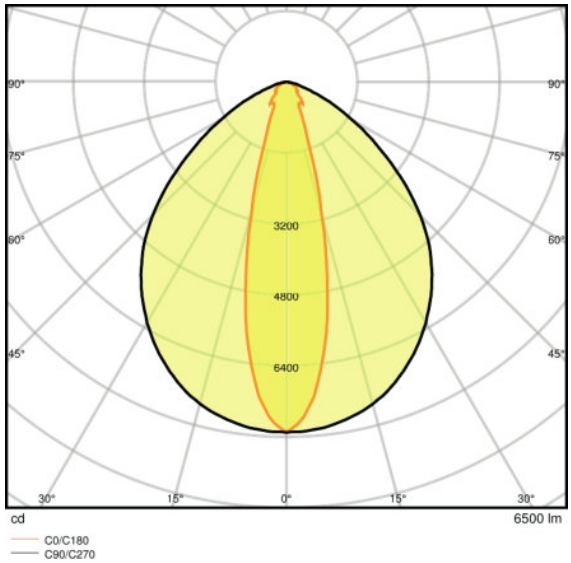
Certificates & standards

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

EQUIPMENT / ACCESSORIES

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– Energy rail with fixed integrated 5-pole cable

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075100558	TruSys NFL 53 W 6500 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm^3	6140.00 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

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

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