

# PRODUCT FAMILY DATASHEET

## 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

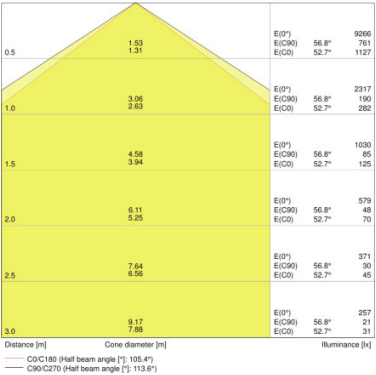
	Electrical data	Luminaire control gear data			Photometrical data	Light technical data	Dimensions & weight		
Product description	Nominal wattage	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux	Beam angle	Length	Width	Height
TruSys W 53 W 3000 K SI	53.00 W	16	15	27	6600 lm	105.00 °	1534 mm	71.0 mm	53.0 mm
TruSys W 53 W 4000 K SI	53.00 W	16	15	27	7200 lm	105.00 °	1534 mm	71.0 mm	53.0 mm
TruSys W 53 W 6500 K SI	53.00 W	16	15	27	6900 lm	105.00 °	1534 mm	71.0 mm	53.0 mm

		Colors & materials	Temperatures & operating conditions	Lifespan			Additional product data
Product description	Product weight	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C	Lifespan L90 at 25 °C	Mounting type
TruSys W 53 W 3000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys W 53 W 4000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys W 53 W 6500 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface

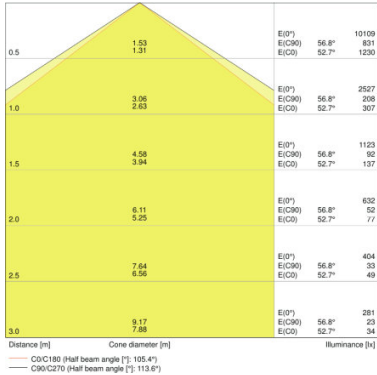
		Capabilities	Certificates & standards				
Product description	Mounting location	Dimmable	Type of protection	Protection class	Protection class IK (shock resistance)	Glow Wire Test according to IEC 695-2-1	Photobiological safety group EN62778
TruSys W 53 W 3000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys W 53 W 4000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys W 53 W 6500 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1

Product description	Photobio. safety group acc. to EN62471	Standards
TruSys W 53 W 3000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS
TruSys W 53 W 4000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS

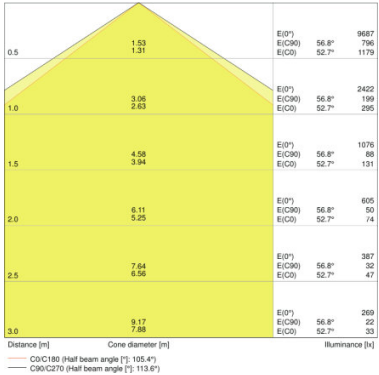
Product description	Photobio. safety group acc. to EN62471	Standards
TruSys W 53 W 6500 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS



TruSys W 53 W 3000 K SI



TruSys W 53 W 4000 K SI



TruSys W 53 W 6500 K SI

EQUIPMENT / ACCESSORIES

- Energy rail with fixed integrated 5-pole cable

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075100459	TruSys W 53 W 3000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6700.00 g
4058075100473	TruSys W 53 W 4000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6670.00 g
4058075100497	TruSys W 53 W 6500 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6650.00 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.

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# PRODUCT FAMILY DATASHEET

## TruSys NARROW

Luminaire inserts with narrow 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
- Narrow-beam light distribution for application in rooms with high ceilings
- 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

- Narrow beam angle: 25°
- 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

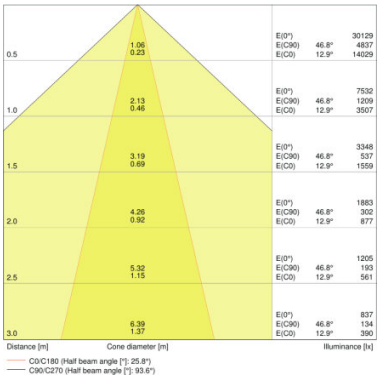
	Electrical data	Luminaire control gear data			Photometrical data	Light technical data	Dimensions & weight		
Product description	Nominal wattage	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux	Beam angle	Length	Width	Height
TruSys NFL 53 W 3000 K SI	53.00 W	16	15	27	6200 lm	25.00 °	1534 mm	71.0 mm	53.0 mm
TruSys NFL 53 W 4000 K SI	53.00 W	16	15	27	6700 lm	25.00 °	1534 mm	71.0 mm	53.0 mm
TruSys NFL 53 W 6500 K SI	53.00 W	16	15	27	6500 lm	25.00 °	1534 mm	71.0 mm	53.0 mm

		Colors & materials	Temperatures & operating conditions	Lifespan			Additional product data
Product description	Product weight	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C	Lifespan L90 at 25 °C	Mounting type
TruSys NFL 53 W 3000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys NFL 53 W 4000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys NFL 53 W 6500 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface

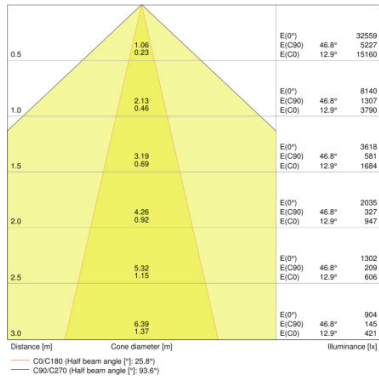
		Capabilities	Certificates & standards				
Product description	Mounting location	Dimmable	Type of protection	Protection class	Protection class IK (shock resistance)	Glow Wire Test according to IEC 695-2-1	Photobiological safety group
TruSys NFL 53 W 3000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys NFL 53 W 4000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys NFL 53 W 6500 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1

Product description	Photobio. safety group acc. to EN62471	Standards
TruSys NFL 53 W 3000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS
TruSys NFL 53 W 4000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS

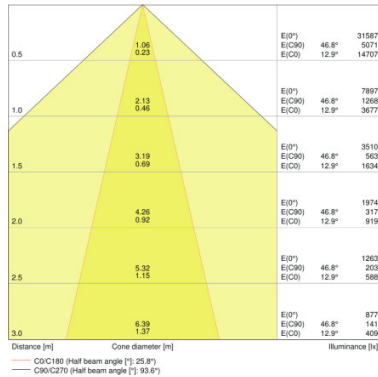
Product description	Photobio. safety group acc. to EN62471	Standards
TruSys NFL 53 W 6500 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS



TruSys NFL 53 W 3000 K SI



TruSys NFL 53 W 4000 K SI



TruSys NFL 53 W 6500 K SI

## EQUIPMENT / ACCESSORIES

- Energy rail with fixed integrated 5-pole cable

## APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075100510	TruSys NFL 53 W 3000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g
4058075100534	TruSys NFL 53 W 4000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6910.00 g
4058075100558	TruSys NFL 53 W 6500 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g

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# PRODUCT FAMILY DATASHEET

## TruSys WALLWASHER

Luminaire inserts with asymmetrical light distribution



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### AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- 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
- 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 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

- 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

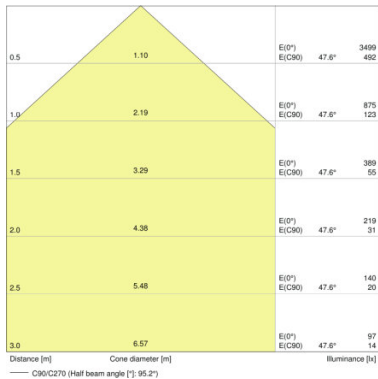
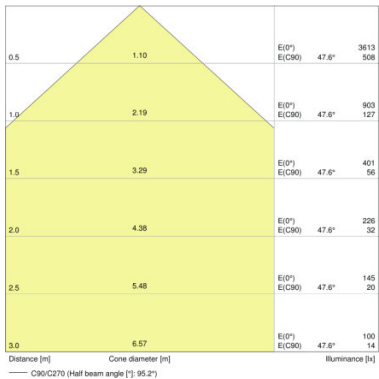
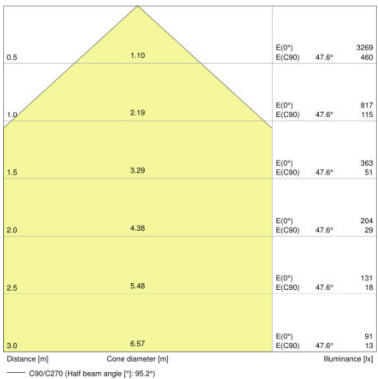
	Electrical data	Luminaire control gear data			Photometrical data	Light technical data	Dimensions & weight		
Product description	Nominal wattage	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux	Beam angle	Length	Width	Height
TruSys WW 53 W 3000 K SI	53.00 W	16	15	27	5700 lm	45 °	1534 mm	71.0 mm	53.0 mm
TruSys WW 53 W 4000 K SI	53.00 W	16	15	27	6300 lm	45 °	1534 mm	71.0 mm	53.0 mm
TruSys WW 53 W 6500 K SI	53.00 W	16	15	27	6100 lm	45 °	1534 mm	71.0 mm	53.0 mm

		Colors & materials	Temperatures & operating conditions	Lifespan			Additional product data
Product description	Product weight	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C	Lifespan L90 at 25 °C	Mounting type
TruSys WW 53 W 3000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys WW 53 W 4000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys WW 53 W 6500 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface

		Capabilities	Certificates & standards				
Product description	Mounting location	Dimmable	Type of protection	Protection class	Protection class IK (shock resistance)	Glow Wire Test according to IEC 695-2-1	Photobiological safety group
TruSys WW 53 W 3000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys WW 53 W 4000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys WW 53 W 6500 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1

Product description	Photobio. safety group acc. to EN62471	Standards
TruSys WW 53 W 3000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS
TruSys WW 53 W 4000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS

Product description	Photobio. safety group acc. to EN62471	Standards
TruSys WW 53 W 6500 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS



TruSys WW 53 W 3000 K SI

TruSys WW 53 W 4000 K SI

TruSys WW 53 W 6500 K SI

EQUIPMENT / ACCESSORIES

- Energy rail with fixed integrated 5-pole cable

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075100572	TruSys WW 53 W 3000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g
4058075100596	TruSys WW 53 W 4000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g
4058075100619	TruSys WW 53 W 6500 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g

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# PRODUCT FAMILY DATASHEET

## TruSys DOUBLE ASYMMETRIC

Luminaire inserts with double asymmetrical light distribution



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### AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- 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
- Bidirectional light distribution for lighting and accentuation of shelves
- 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

- Double asymmetric wallwasher light distribution with beam angle 2x 35°
- 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

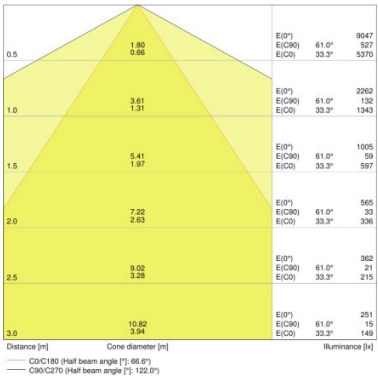
	Electrical data	Luminaire control gear data			Photometrical data	Light technical data	Dimensions & weight		
Product description	Nominal wattage	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux	Beam angle	Length	Width	Height
TruSys DA 53 W 3000 K SI	53.00 W	16	15	27	6400 lm	2 x 35 °	1534 mm	71.0 mm	53.0 mm
TruSys DA 53 W 4000 K SI	53.00 W	16	15	27	6900 lm	2 x 35 °	1534 mm	71.0 mm	53.0 mm
TruSys DA 53 W 6500 K SI	53.00 W	16	15	27	6700 lm	2 x 35 °	1534 mm	71.0 mm	53.0 mm

		Colors & materials	Temperatures & operating conditions	Lifespan			Additional product data
Product description	Product weight	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C	Lifespan L90 at 25 °C	Mounting type
TruSys DA 53 W 3000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys DA 53 W 4000 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface
TruSys DA 53 W 6500 K SI	1740.00 g	Silver	-20...45 °C	75000 h	50000 h	35000 h	Suspended/Surface

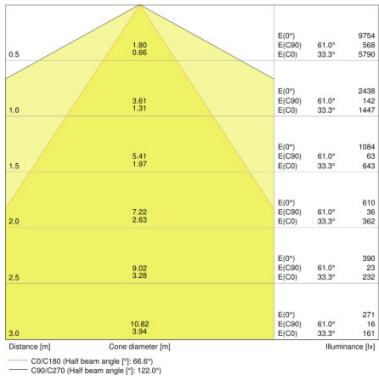
		Capabilities	Certificates & standards				
Product description	Mounting location	Dimmable	Type of protection	Protection class	Protection class IK (shock resistance)	Glow Wire Test according to IEC 695-2-1	Photobiological safety group
TruSys DA 53 W 3000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys DA 53 W 4000 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1
TruSys DA 53 W 6500 K SI	Mounting rail	No	IP20	I	IK07	650 °C	RG 1

Product description	Photobio. safety group acc. to EN62471	Standards
TruSys DA 53 W 3000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS
TruSys DA 53 W 4000 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS

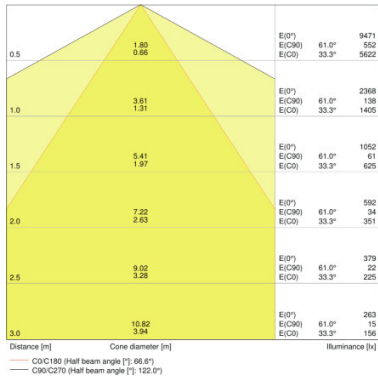
Product description	Photobio. safety group acc. to EN62471	Standards
TruSys DA 53 W 6500 K SI	RG 1	CE/CB/TÜV SÜD/ENEC/EAC/RoHS



TruSys DA 53 W 3000 K SI



TruSys DA 53 W 4000 K SI



TruSys DA 53 W 6500 K SI

EQUIPMENT / ACCESSORIES

- Energy rail with fixed integrated 5-pole cable

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075100633	TruSys DA 53 W 3000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g
4058075100657	TruSys DA 53 W 4000 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	7110.00 g
4058075100671	TruSys DA 53 W 6500 K SI	Shipping carton box 3	1561 mm x 186 mm x 94 mm	27.29 dm <sup>3</sup>	6140.00 g

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