

# PRODUCT DATASHEET

## TR SP COMPACT D100 28 W 930 FL WT

TRACKLIGHT SPOT COMPACT | Shaped 3-phase tracklight spot with in-track control gear



### AREAS OF APPLICATION

- Direct replacement for luminaires using HID lamps
- Accent lighting
- Fashion shops, accessories shops
- Retail
- Hotels, restaurants, shops

### PRODUCT BENEFITS

- Timeless design suitable for high-quality interior
- Included 3-phase adapter compatible with common tracks (NORLUX, GLOBAL, NUCO, NORDIC)
- No distraction of attention from the illuminated objects thanks to reduced design
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

### PRODUCT FEATURES

- Compact tracklight spot with in-track control gear
- Made in Germany
- Luminaire efficacy: up to 85 lm/W
- Rotation angle: 350°, tilt angle: 90°
- Very good color rendering index Ra: 90
- Color rendering index  $R_a$ : > 60
- Initial color consistency:  $\leq 3$  SDCM



- Available with beam angle: 25°, 36°
- Follows the unified LEDVANCE design language (SCALE design)
- Robust die-cast aluminum housing
- Available in matt white (like RAL9010), matt black (like RAL9005) and concrete grey (like RAL7042)

## TECHNICAL DATA

### Electrical data

Nominal wattage	28.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.90
Max. no. of lum. on circuit break. B16 A	25
Max. no. of lum. on circuit break. C16 A	40
Inrush current	< 20 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	<500 $\mu$ s

### Luminaire control gear data

ECG - Output voltage	27...42 V
Low flicker	Yes
ECG - Output ripple current	<3 %

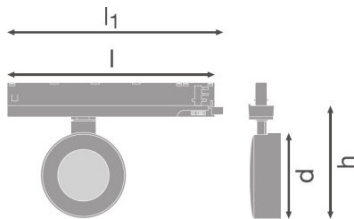
### Photometrical data

Color temperature	3000 K
Color rendering index Ra	90
Light color (designation)	Warm White
Luminous flux	2200 lm
Luminous efficacy	80 lm/W
Standard deviation of color matching	$\leq$ 3 sdc <sub>m</sub>

### Light technical data

Beam angle	36 °
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### Dimensions & weight



<b>Length</b>	260.0 mm
<b>Width</b>	33.0 mm
<b>Height</b>	160.0 mm
<b>Product weight</b>	400.00 g

### Colors & materials

<b>Product color</b>	White
<b>Housing color</b>	White
<b>Body material</b>	Aluminum
<b>Cover material</b>	Polymethylmethacrylate (PMMA)

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+35 °C
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### Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	80000 h
<b>Lifespan L80/B10 at 25 °C</b>	50000 h
<b>Lifespan L90/B10 at 25 °C</b>	35000 h

### Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Mounting track
<b>Low flicker</b>	Yes

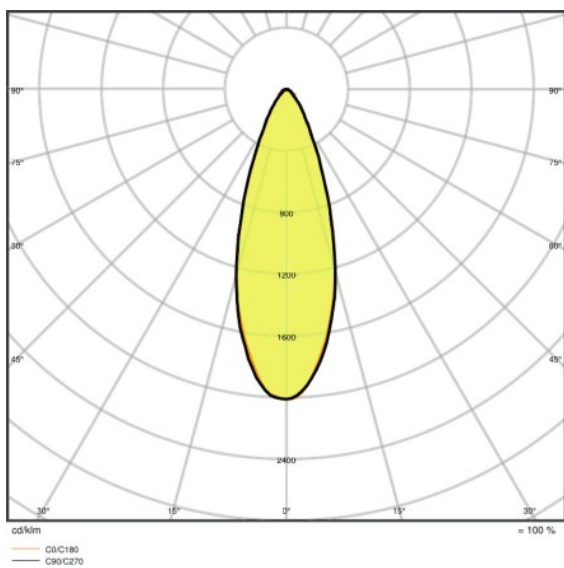
### Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Adapter, 3-phase
<b>LED module replaceable</b>	Not replaceable

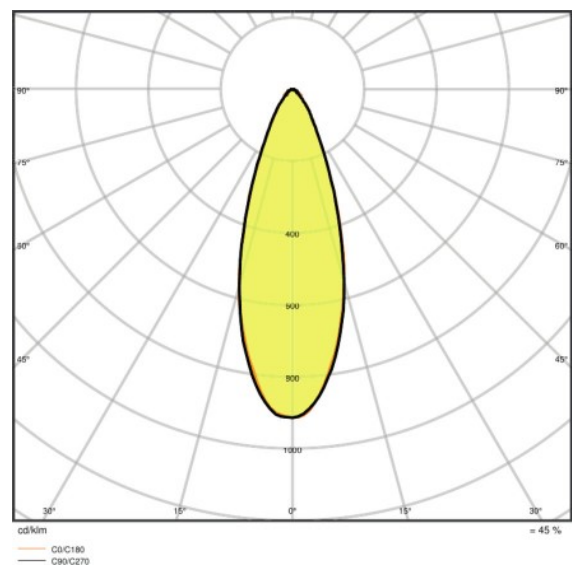
Certificates & standards

Type of protection	IP20
Protection class	II
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 1
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ polar



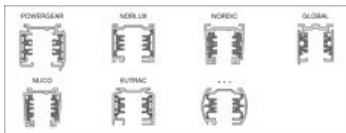
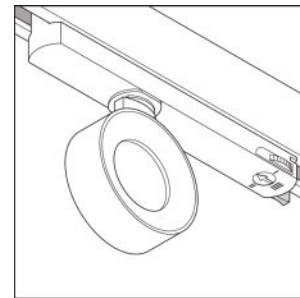
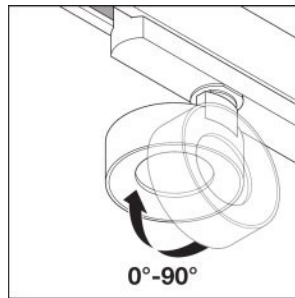
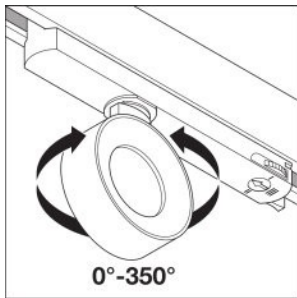
LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075335868	Folding carton box 1	114 mm x 114 mm x 264 mm	513.00 g	3.43 dm <sup>3</sup>
4058075335875	Shipping carton box 4	239 mm x 239 mm x 280 mm	2292.00 g	15.99 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.

ADDITIONAL CATALOG INFORMATION



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## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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