PRODUCT DATASHEET
TR SP ZOOM DIM D85 25 W 3000 K 97R WT

TRACKLIGHT SPOT ZOOM DIM | Dimmable 3-phase tracklight spot with mechanical zoom lense

AREAS OF APPLICATION

- Direct replacement for luminaires using HID lamps
- Accent lighting
- Galleries, museums
- Fashion shops, accessories shops
- Shops, changing rooms, shop windows
- Hotels, restaurants, shops

PRODUCT BENEFITS

- Dimmable 3-phase tracklight spot with mechanical zoom lense
- Included 3-phase adapter compatible with common tracks (STAFF, 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

- Mechanical zoom lens with a beam angle of 15 ° to 55 °
- Dimmable (7% - 100%) via slider potentiometer directly on each luminaire
- Excellent color rendering index Ra: 97
- Color rendering index R_a9: > 90
- Initial color consistency: ≤ 4 SDCM
- Rotation angle: 350°, tilt angle: 90°
- Follows the unified LEDVANCE design language (SCALE design)

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- Robust die-cast aluminum housing
- Available in matt white (like RAL9016), matt black (like RAL9004)
- Luminaire efficacy: up to 70 lm/W

TECHNICAL DATA

Electrical data

Nominal wattage	25.00 W
Operating mode	Integrated LED driver
Nominal voltage	100...240 V
Mains frequency	50/60 Hz
Power factor λ	> 0.90
Inrush current	< 40 A
Total harmonic distortion	< 10 %
Inrush current time T_{h50}	<50 µs

Luminaire control gear data

ECG - Output voltage	27...42 V
ECG - Output ripple current	<10 %
Max. no. of lum. on circuit break. B16 A	37
Max. no. of lum. on circuit break. C10 A	30
Max. no. of lum. on circuit break. C16 A	48

Photometrical data

Color temperature	3000 K
Color rendering index Ra	97
Light color (designation)	Warm White
Luminous flux	1500 lm
Luminous efficacy	60 lm/W
Standard deviation of color matching	≤4 sdcm

Light technical data

Beam angle	15.00 ... 55.00 °

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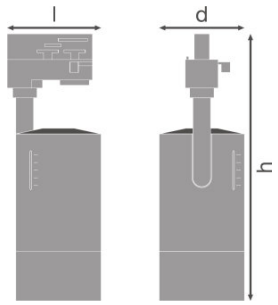
Dimensions & weight



Length	93.0 mm
Diameter	85.0 mm
Height	265.0 mm
Product weight	1025.00 g

Colors & materials

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C

Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	25000 h

Additional product data

Mounting type	Surface
Mounting location	Mounting track
Product remark	Available from October 2019

Capabilities

Dimmable	Yes
Type of connection	Adapter, 3-phase
LED module replaceable	Not replaceable

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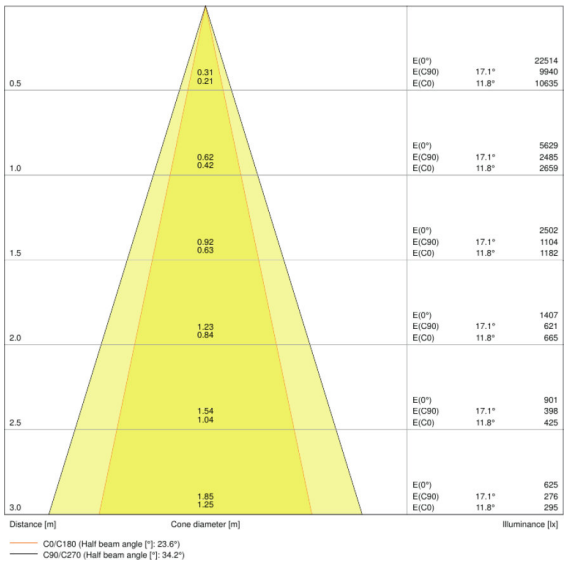
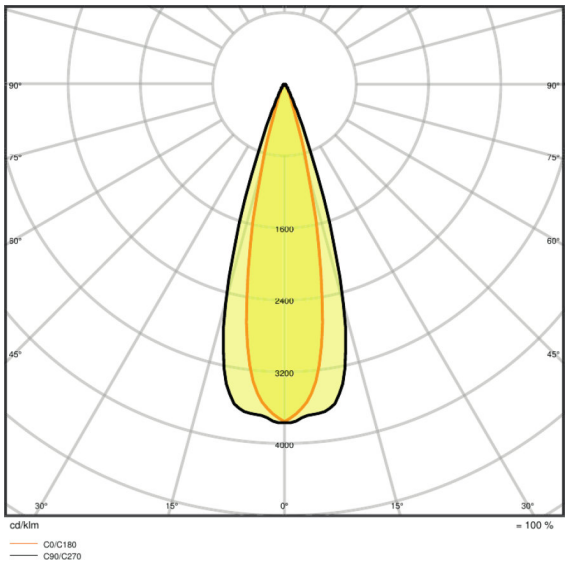
Certificates & standards

Type of protection	/
Protection class	I
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group EN62778	RG 1
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075335769	Folding carton box 1	120 mm x 120 mm x 300 mm	1095.00 g	4.32 dm³
4058075335776	Shipping carton box 4	495 mm x 130 mm x 310 mm	4814.00 g	19.95 dm³

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.

REFERENCES / LINKS

For Guarantee see

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- www.ledvance.com/guarantee

DISCLAIMER

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