

# PRODUCT DATASHEET

## TRACK SP D85 35 W 3000 K 90RA NFL BK

TRACKLIGHT SPOT D85 35W | 3-phase tracklight spot with integrated control gear, medium wattage



### AREAS OF APPLICATION

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

### PRODUCT BENEFITS

- Included 3-phase adapter compatible with common tracks (GLOBAL, EUTRAC, POWERGEAR, STAFF, NORLUX, NUCO, NORDIC)
- Deep reflector and black antiglare ring for minimized glare (UGR <16)
- Reflector easily replaceable thanks to bayonet catch and rubber suction pad
- 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 integrated control gear
- Rotation angle: 350°, tilt angle: 90°
- Luminaire efficacy: up to 80 lm/W
- Available with color temperature 3000 K or 4000 K
- Very good color rendering index  $R_a$ : > 90
- Color rendering index  $R_{a9}$ : > 50



- Initial color consistency:  $\leq 3$  SDCM
- Equipped with reflectors with 24° beam angle
- Follows the unified LEDVANCE design language (SCALE design)
- Robust die-cast aluminum housing
- Available in matt white (like RAL9016), matt black (like RAL9004) and concrete grey (like RAL7042)

## TECHNICAL DATA

### Electrical data

Nominal wattage	35.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor $\lambda$	$\geq 0.90$
Max. no. of lum. on circuit break. B16 A	30
Max. no. of lum. on circuit break. C10 A	24
Max. no. of lum. on circuit break. C16 A	38
Inrush current	< 25 A
Total harmonic distortion	< 15 %
Inrush current time $T_{h50}$	<4 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
Output current	900 mA
ECG - Output ripple current	<10 %

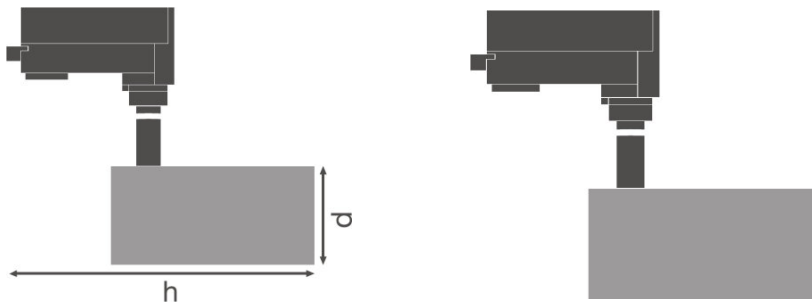
### Photometrical data

Color temperature	3000 K
Color rendering index Ra	90
Light color (designation)	Warm White
Luminous flux	2660 lm
Luminous efficacy	75 lm/W
Standard deviation of color matching	$\leq 3$ sdcM

### Light technical data

Beam angle	24 °
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## Dimensions & weight



<b>Diameter</b>	85.0 mm
<b>Height</b>	267.0 mm
<b>Product weight</b>	1020.00 g

## Colors & materials

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

## Temperatures & operating conditions

<b>Ambient temperature range</b>	-10...+40 °C
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## Lifespan

<b>Number of switching cycles</b>	50000
<b>Lifespan L70/B50 at 25 °C</b>	50000 h
<b>Lifespan L80/B10 at 25 °C</b>	45000 h
<b>Lifespan L90/B10 at 25 °C</b>	30000 h

## Additional product data

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

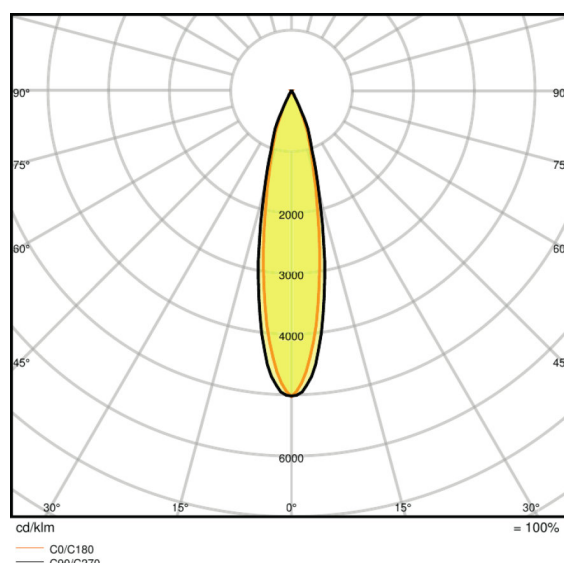
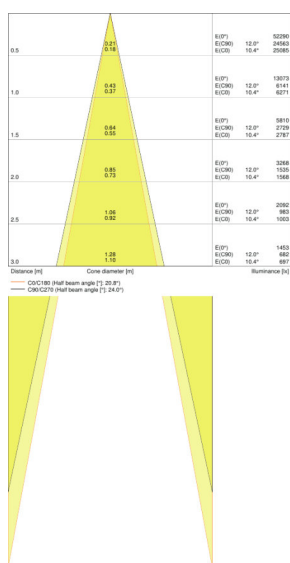
## Capabilities

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

### Certificates & standards

Type of protection	IP20
Protection class	I
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG1
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

### Light Distribution



LDC typ cone

LDC typ polar

### EQUIPMENT / ACCESSORIES

- Accessory reflectors with 15° or 38° beam angle available

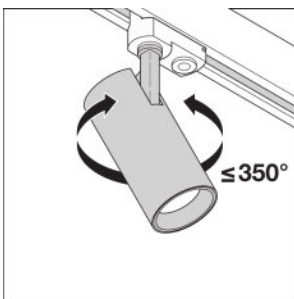
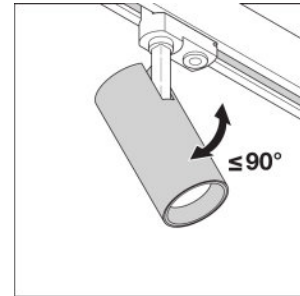
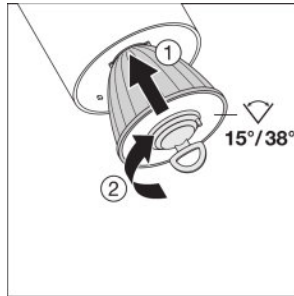
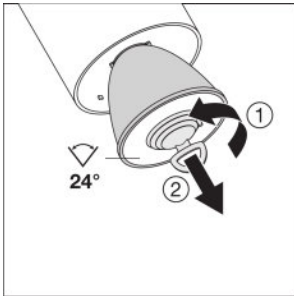
### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075113602	Folding carton box 1	120 mm x 120 mm x 300 mm	1141.00 g	4.32 dm <sup>3</sup>
4058075113619	Shipping carton box 4	502 mm x 137 mm x 335 mm	4882.00 g	23.04 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.

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#### 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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