

PRODUCT DATASHEET

TRACK SP D85 35 W 4000 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: ≤ 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 λ | ≥ 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 μ s |

Luminaire control gear data

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

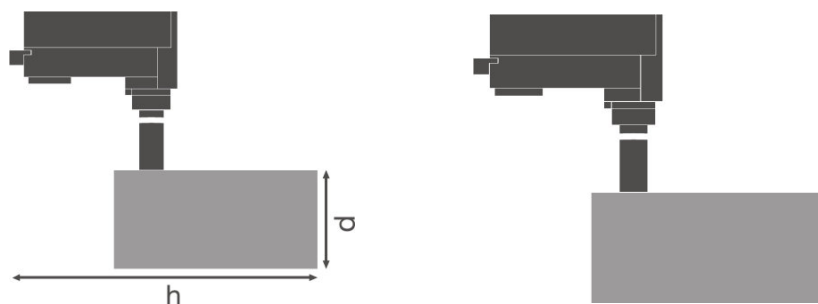
Photometrical data

| | |
|--------------------------------------|---------------|
| Color temperature | 4000 K |
| Color rendering index Ra | 90 |
| Light color (designation) | Cool White |
| Luminous flux | 2800 lm |
| Luminous efficacy | 80 lm/W |
| Standard deviation of color matching | ≤ 3 sdcM |

Light technical data

| | |
|------------|------|
| Beam angle | 24 ° |
|------------|------|

Dimensions & weight



| | |
|-----------------------|-----------|
| Diameter | 85.0 mm |
| Height | 267.0 mm |
| Product weight | 1020.00 g |

Colors & materials

| | |
|-----------------------|-------------------------------|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |
| Cover material | Polymethylmethacrylate (PMMA) |

Temperatures & operating conditions

| | |
|----------------------------------|--------------|
| Ambient temperature range | -10...+40 °C |
|----------------------------------|--------------|

Lifespan

| | |
|-----------------------------------|---------|
| Number of switching cycles | 50000 |
| Lifespan L70/B50 at 25 °C | 50000 h |
| Lifespan L80/B10 at 25 °C | 45000 h |
| Lifespan L90/B10 at 25 °C | 30000 h |

Additional product data

| | |
|--------------------------|----------------|
| Mounting type | Surface |
| Mounting location | Mounting track |
| Low flicker | Yes |

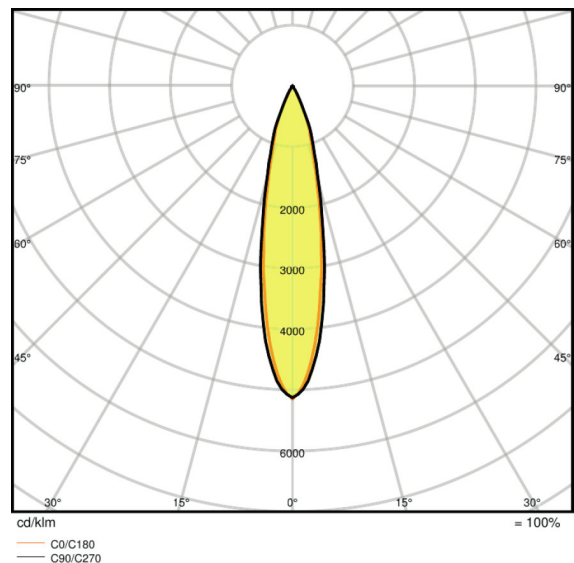
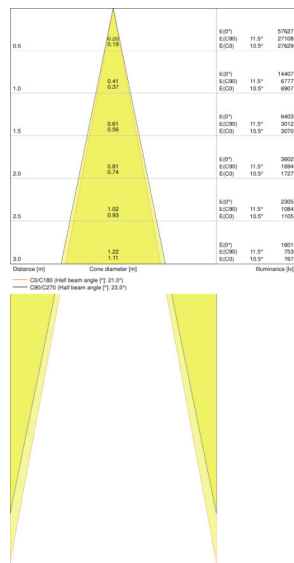
Capabilities

| | |
|-------------------------------|------------------|
| Dimmable | No |
| Type of connection | Adapter, 3-phase |
| LED module replaceable | 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

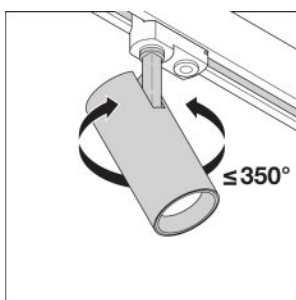
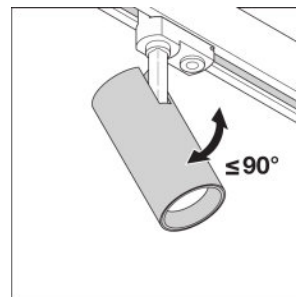
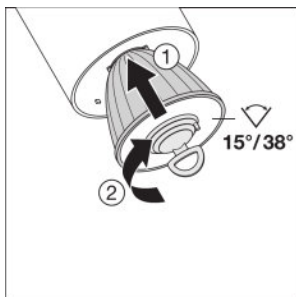
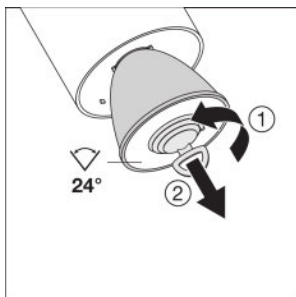
– Accessory reflectors with 15° or 38° beam angle available

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075113626 | Folding carton box 1 | 120 mm x 120 mm x 300 mm | 1141.00 g | 4.32 dm ³ |
| 4058075113633 | Shipping carton box 4 | 502 mm x 137 mm x 335 mm | 4882.00 g | 23.04 dm ³ |

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



REFERENCES / LINKS

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

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