

Track spotlights

# TR0157

Track spotlight

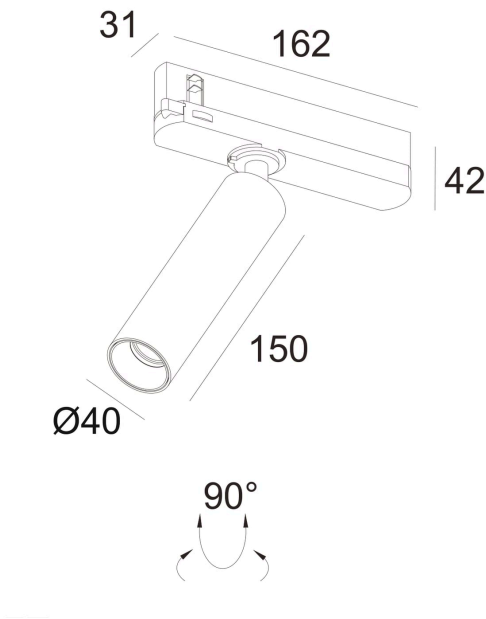


Track spotlight. 15 or 20 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

— LED source: Citizen

|                                              |                      |                                   |
|----------------------------------------------|----------------------|-----------------------------------|
| Power<br>15 W, 20 W                          | Voltage<br>230 V AC  | Luminous flux<br>1300 lm, 1800 lm |
| Colour temperature<br>2700 K, 3000 K, 4000 K | CRI<br>97 CRI        | Beam angles<br>15°, 24°, 36°, 50° |
| IP rating<br>IP20                            | Certifications<br>CE | Mounting<br>Magnetic track        |
| Finishes<br>White, Black                     |                      |                                   |

Dimensions



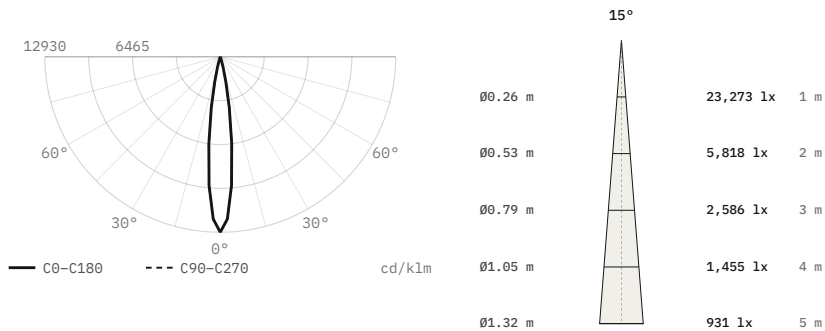
Models

| Code   | Power | Voltage  | Flux    | CRI    | Size                                      | Beam            |
|--------|-------|----------|---------|--------|-------------------------------------------|-----------------|
| TR0157 | 15 W  | 230 V AC | 1300 lm | 97 CRI | Ø40 × 150 mm; adapter L162 x W31 x H42 mm | 15° 24° 36° 50° |
| TR0158 | 15 W  | 230 V AC | 1300 lm | 97 CRI | Ø50 × 150 mm; adapter L162 x W31 x H42 mm | 15° 24° 36° 50° |
| TR0159 | 20 W  | 230 V AC | 1800 lm | 97 CRI | Ø50 × 180 mm; adapter L196 x W31 x H45 mm | 15° 24° 36° 50° |

# Photometry

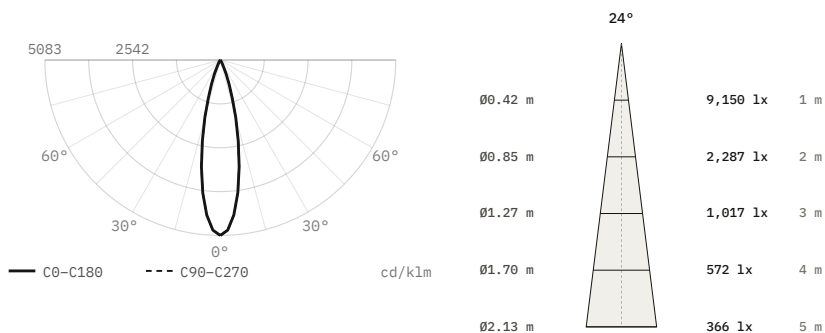
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for TR0159, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## TR0159, 20 W, 15° beam



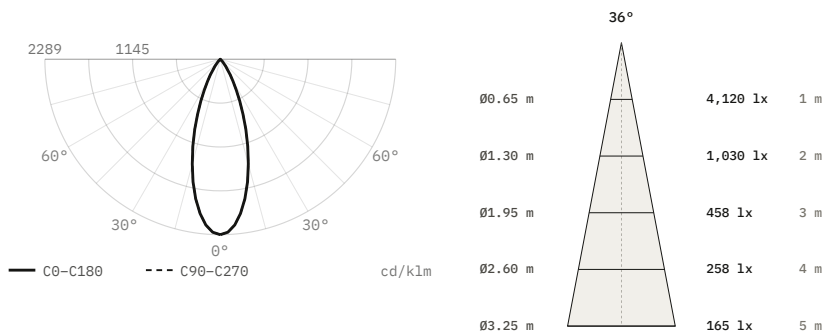
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,800 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 23,273 cd, 12,930 cd/klm       |
| Beam angle (50%)             | 15°                            |
| Field angle (10%)            | 27.3°                          |
| Cut-off angle (2.5%)         | 17°                            |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 %                  |
| Size                         | Ø50 × 180 mm                   |
| Data                         | Calculated from catalogue data |

## TR0159, 20 W, 24° beam



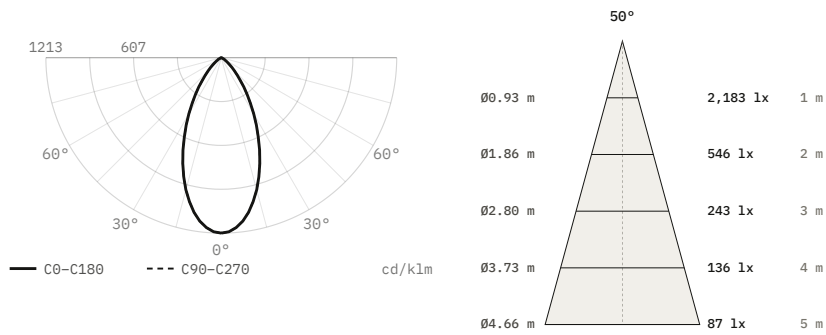
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,800 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 9,150 cd, 5,083 cd/klm         |
| Beam angle (50%)             | 24°                            |
| Field angle (10%)            | 43.7°                          |
| Cut-off angle (2.5%)         | 27.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 %               |
| Size                         | Ø50 × 180 mm                   |
| Data                         | Calculated from catalogue data |

## TR0159, 20 W, 36° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,800 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 4,120 cd, 2,289 cd/klm         |
| Beam angle (50%)             | 36°                            |
| Field angle (10%)            | 65.6°                          |
| Cut-off angle (2.5%)         | 41.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 %              |
| Size                         | Ø50 × 180 mm                   |
| Data                         | Calculated from catalogue data |

TR0159, 20 W, 50° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,800 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 2,183 cd, 1,213 cd/klm         |
| Beam angle (50%)             | 50°                            |
| Field angle (10%)            | 91.1°                          |
| Cut-off angle (2.5%)         | 57.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 64.8 / 33.6 / 1.5 %            |
| Size                         | Ø50 × 180 mm                   |
| Data                         | Calculated from catalogue data |