

Recessed

# Robo DL1858

Recessed spotlight

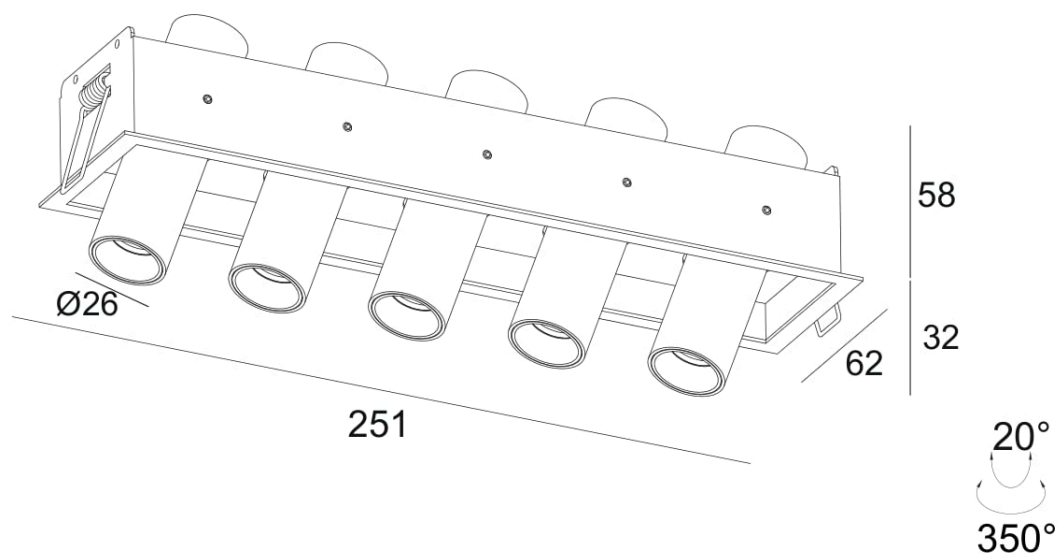


Recessed spotlight. 35 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø245 mm
- LED source: Citizen

|                                              |                         |                                   |
|----------------------------------------------|-------------------------|-----------------------------------|
| Power<br>35 W                                | Voltage<br>5 × max 19 V | Luminous flux<br>5 × 630 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>Recessed              |
| Finishes<br>White                            |                         |                                   |

Dimensions



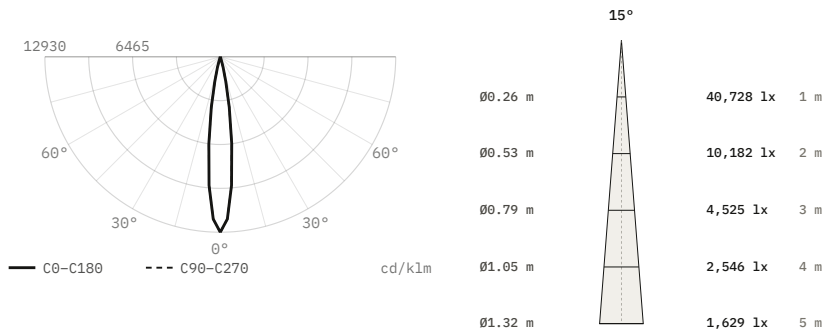
Models

| Code   | Version | Power | Voltage      | Flux       | CRI    | Size                                      | Cut-out | Beam               | Notes                  |
|--------|---------|-------|--------------|------------|--------|-------------------------------------------|---------|--------------------|------------------------|
| DL1858 | 5 heads | 35 W  | 5 × max 19 V | 5 × 630 lm | 97 CRI | 251 × 62 mm; heights 58 / 32, Ø26 mm head | Ø245 mm | 15° 24°<br>36° 50° | 350 mA; Power per head |

# Photometry

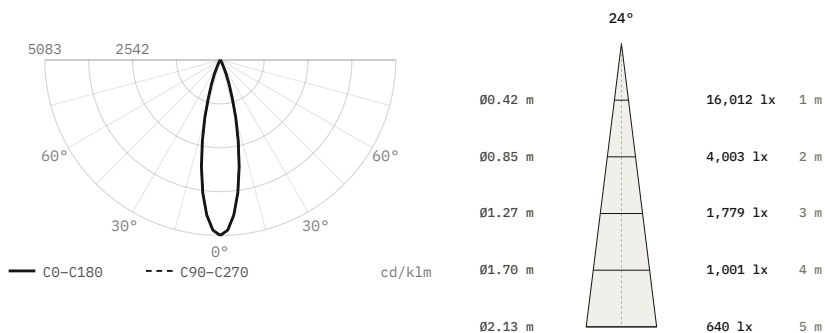
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1858, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## DL1858, 35 W, 15° beam



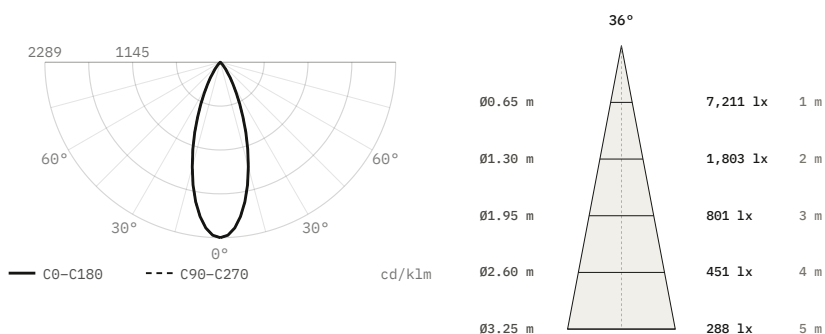
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 3,150 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 40,728 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                         | 251 × 62 mm                    |
| Data                         | Calculated from catalogue data |

## DL1858, 35 W, 24° beam



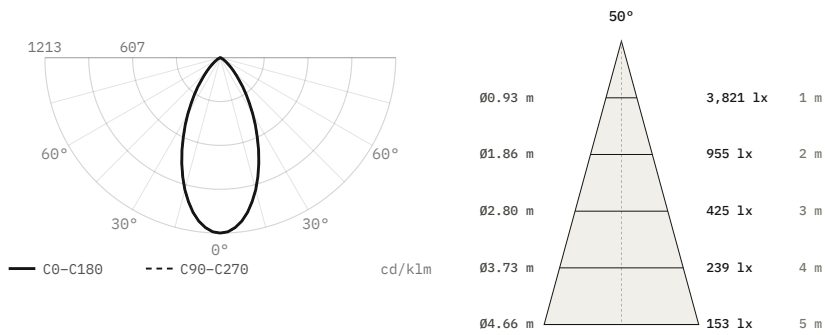
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 3,150 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 16,012 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                         | 251 × 62 mm                    |
| Data                         | Calculated from catalogue data |

## DL1858, 35 W, 36° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 3,150 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 7,211 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                         | 251 × 62 mm                    |
| Data                         | Calculated from catalogue data |

DL1858, 35 W, 50° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 3,150 lm                       |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 3,821 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                         | 251 × 62 mm                    |
| Data                         | Calculated from catalogue data |