

Recessed

# Robo DL1675

Recessed spotlight



Recessed spotlight. 7 W. Four beam angles, 15° to 50°.  
2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø55 mm
- LED source: Citizen

|                                              |                      |                                   |
|----------------------------------------------|----------------------|-----------------------------------|
| Power<br>7 W                                 | Voltage<br>max 19 V  | Luminous flux<br>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                            |                      |                                   |

Models

| Code   | Power | Voltage  | Flux   | CRI    | Size                                      | Cut-out | Beam            | Notes  |
|--------|-------|----------|--------|--------|-------------------------------------------|---------|-----------------|--------|
| DL1675 | 7 W   | max 19 V | 630 lm | 97 CRI | Ø60 x H50 housing + 100 tube, tube Ø26 mm | Ø55 mm  | 15° 24° 36° 50° | 350 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1675, 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.

## DL1675, 7 W, 15° beam



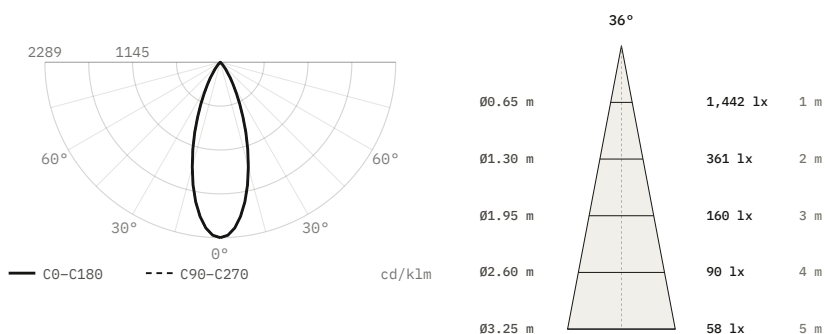
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 630 lm                         |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 8,146 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                         | Ø60 × 50 mm                    |
| Data                         | Calculated from catalogue data |

## DL1675, 7 W, 24° beam



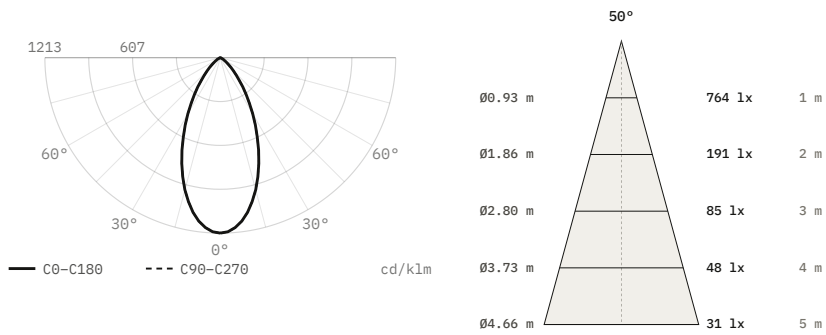
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 630 lm                         |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 3,202 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                         | Ø60 × 50 mm                    |
| Data                         | Calculated from catalogue data |

## DL1675, 7 W, 36° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 630 lm                         |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 1,442 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                         | Ø60 × 50 mm                    |
| Data                         | Calculated from catalogue data |

DL1675, 7 W, 50° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 630 lm                         |
| Efficacy                     | 90 lm/W                        |
| Peak intensity               | 764 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                         | Ø60 × 50 mm                    |
| Data                         | Calculated from catalogue data |

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Technical data may change without notice.