

Recessed

# Recessed 403xN R3-4035N

Recessed spotlight

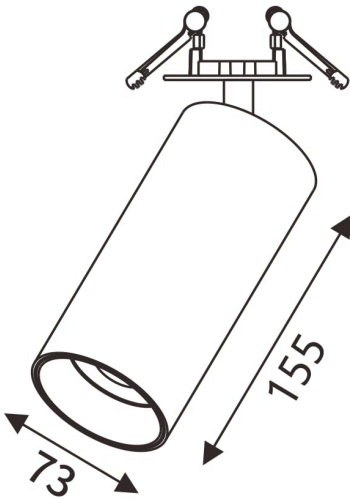


Recessed spotlight. 28 W. Five beam angles, 10° to 50°.  
3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø70 mm
- LED source: Citizen

|                                      |                                        |                                          |
|--------------------------------------|----------------------------------------|------------------------------------------|
| Power<br>28 W                        | Luminous flux<br>2600–2800 lm          | Colour temperature<br>3000 K, 4000 K     |
| CRI<br>97 CRI                        | Beam angles<br>10°, 15°, 24°, 36°, 50° | IP rating<br>IP20                        |
| Certifications<br>CE, RoHS, EMC, LVD | Mounting<br>Recessed                   | Control<br>DALI-2, 0-10V, Triac, Casambi |
| Finishes<br>White, Black, Grey       |                                        |                                          |

Dimensions



Models

| Code     | Power | Flux         | CRI    | Size        | Cut-out | Beam                |
|----------|-------|--------------|--------|-------------|---------|---------------------|
| R3-4035N | 28 W  | 2600–2800 lm | 97 CRI | 73 × 155 mm | Ø70 mm  | 10° 15° 24° 36° 50° |

Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

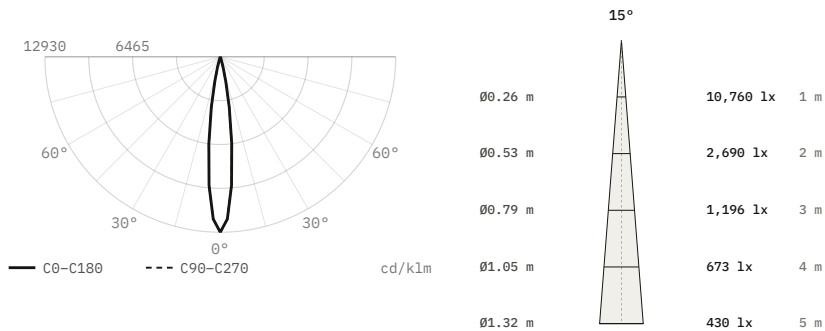
28 W

| 15°     |                      |     | 24°                  |          |     | 36°                  |          |     |
|---------|----------------------|-----|----------------------|----------|-----|----------------------|----------|-----|
| Ø0.46 m | 10,763 lx            | 1 m | Ø0.57 m              | 8,123 lx | 1 m | Ø0.82 m              | 4,641 lx | 1 m |
| Ø0.91 m | 2,690 lx             | 2 m | Ø1.14 m              | 2,030 lx | 2 m | Ø1.63 m              | 1,160 lx | 2 m |
| Ø1.37 m | 1,195 lx             | 3 m | Ø1.71 m              | 902 lx   | 3 m | Ø2.45 m              | 515 lx   | 3 m |
| Beam    | 1 m                  |     | 2 m                  |          |     | 3 m                  |          |     |
| 15°     | 10,763 lx<br>Ø460 mm |     | 2,690 lx<br>Ø910 mm  |          |     | 1,195 lx<br>Ø1370 mm |          |     |
| 24°     | 8,123 lx<br>Ø570 mm  |     | 2,030 lx<br>Ø1140 mm |          |     | 902 lx<br>Ø1710 mm   |          |     |
| 36°     | 4,641 lx<br>Ø820 mm  |     | 1,160 lx<br>Ø1630 mm |          |     | 515 lx<br>Ø2450 mm   |          |     |

# Photometry

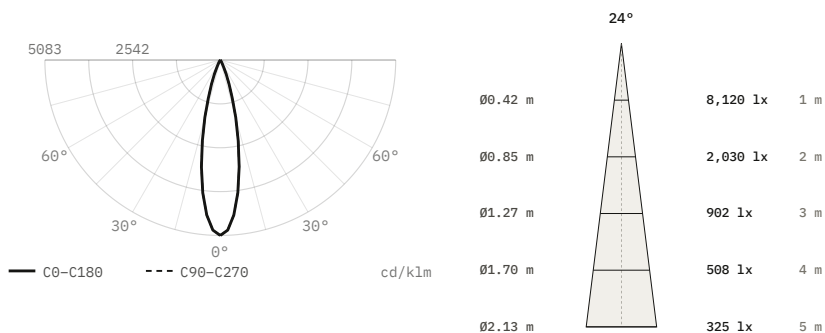
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4035N, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## R3-4035N, 28 W, 15° beam



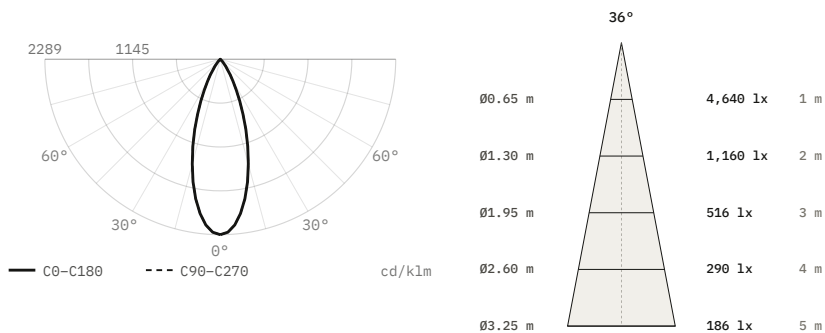
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 832 lm                         |
| Efficacy                     | 30 lm/W                        |
| Peak intensity               | 10,760 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                         | 155 × 73 mm                    |
| Data                         | Calculated from catalogue data |

## R3-4035N, 28 W, 24° beam



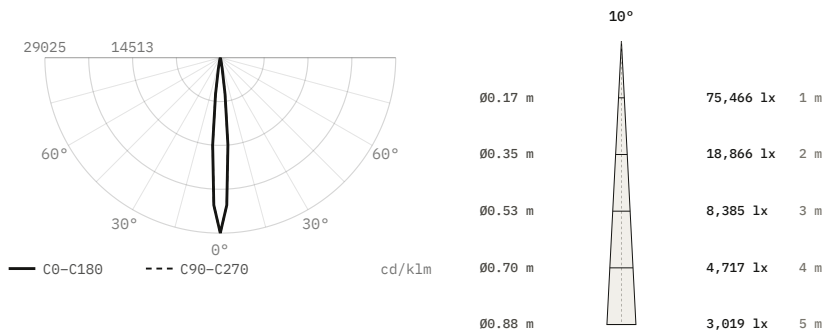
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,597 lm                       |
| Efficacy                     | 57 lm/W                        |
| Peak intensity               | 8,120 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                         | 155 × 73 mm                    |
| Data                         | Calculated from catalogue data |

## R3-4035N, 28 W, 36° beam



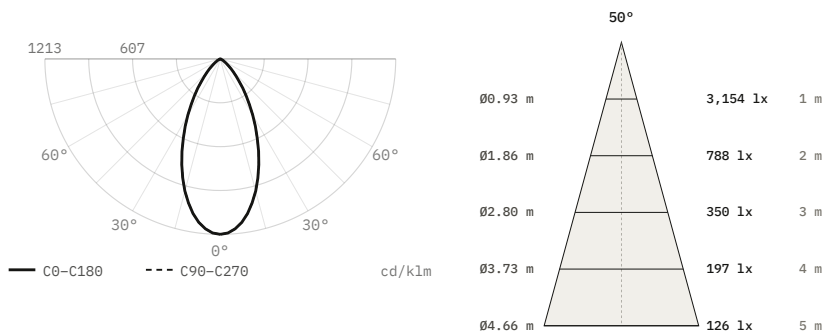
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 2,027 lm                       |
| Efficacy                     | 72 lm/W                        |
| Peak intensity               | 4,640 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                         | 155 × 73 mm                    |
| Data                         | Calculated from catalogue data |

R3-4035N, 28 W, 10° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 2,600 lm                       |
| Efficacy                     | 93 lm/W                        |
| Peak intensity               | 75,466 cd, 29,025 cd/klm       |
| Beam angle (50%)             | 10°                            |
| Field angle (10%)            | 18.2°                          |
| Cut-off angle (2.5%)         | 11.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 %                  |
| Size                         | 155 × 73 mm                    |
| Data                         | Calculated from catalogue data |

R3-4035N, 28 W, 50° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 2,600 lm                       |
| Efficacy                     | 93 lm/W                        |
| Peak intensity               | 3,154 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                         | 155 × 73 mm                    |
| Data                         | Calculated from catalogue data |

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Technical data may change without notice.