Recessed

# Sparkle Fixed Spot Trim 2217AF

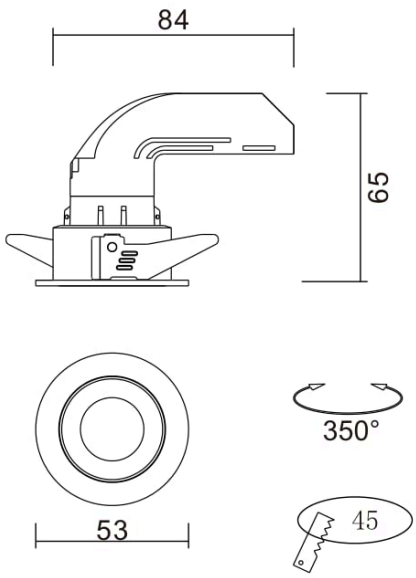
Sparkle recessed spotlight

Recessed spotlight from the Sparkle range. 9 or 12 W. Five beam angles, 10° to 50°. 3000 K. 97 CRI.

- Ceiling cut-out Ø45 mm
- Rotation 350°
- Reflectors in albino, chrome, gun black, gold, black
- LED source: Citizen (included)
- Driver: 36V 180mA / 250mA

| | | |
|---|---|---|
| Power<br>**9 W, 12 W** | Voltage<br>**36 V** | Colour temperature<br>**3000 K** |
| CRI<br>**97 CRI** | Beam angles<br>**10°, 15°, 24°, 36°, 50°** | IP rating<br>**IP20** |
| Mounting<br>**Recessed** | Finishes<br>**White, Black, Silver, Gold; others on request** | |

## Dimensions



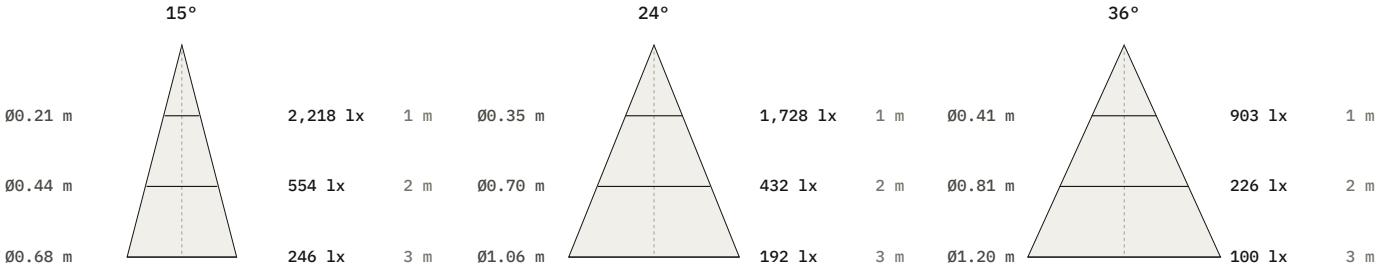

## Models

| Code | Version | Power | Voltage | CRI | Size | Cut-out | Beam |
|---|---|---|---|---|---|---|---|
| **2217AF** | 9 W | 9 W | 36 V | 97 CRI | Ø53 mm face ring × 65 mm high × 84 mm wide | Ø45 mm | 10° 15° 24° 36° 50° |
| **2217AF** | 12 W | 12 W | 36 V | 97 CRI | Ø53 mm face ring × 65 mm high × 84 mm wide | Ø45 mm | 10° 15° 24° 36° 50° |

# Photometric data

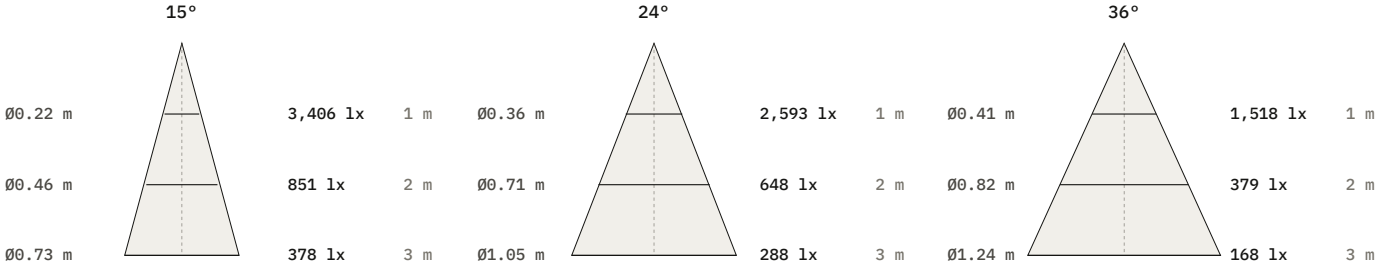
Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

## 9 W, 3000 K




| Beam | 1 m | 2 m | 3 m |
|---|---|---|---|
| 15° | 2,218 lx<br>Ø215 mm | 554 lx<br>Ø441 mm | 246 lx<br>Ø684 mm |
| 24° | 1,728 lx<br>Ø353 mm | 432 lx<br>Ø701 mm | 192 lx<br>Ø1065 mm |
| 36° | 903 lx<br>Ø405 mm | 226 lx<br>Ø805 mm | 100 lx<br>Ø1203 mm |

## 12 W, 3000 K

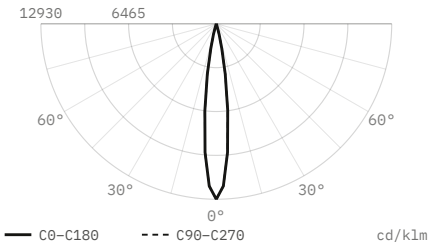


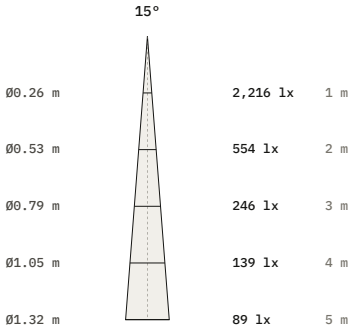

| Beam | 1 m | 2 m | 3 m |
|---|---|---|---|
| 15° | 3,406 lx<br>Ø222 mm | 851 lx<br>Ø456 mm | 378 lx<br>Ø733 mm |
| 24° | 2,593 lx<br>Ø362 mm | 648 lx<br>Ø713 mm | 288 lx<br>Ø1055 mm |
| 36° | 1,518 lx<br>Ø411 mm | 379 lx<br>Ø823 mm | 168 lx<br>Ø1235 mm |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for 2217AF, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, or estimated where the catalogue gives no photometric figures, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

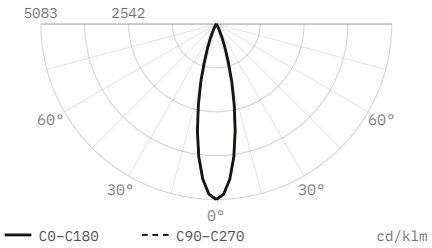
## 2217AF, 9 W, 15° beam

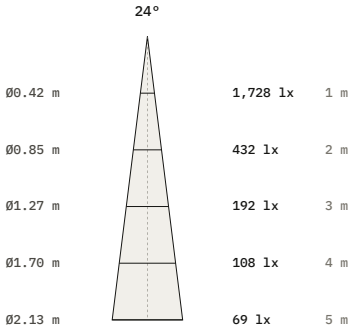



| | |
|---|---|
| Luminous flux | 171 lm |
| Efficacy | 19 lm/W |
| Peak intensity | 2,216 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø53 × 65 mm |
| Data | Calculated from catalogue data |

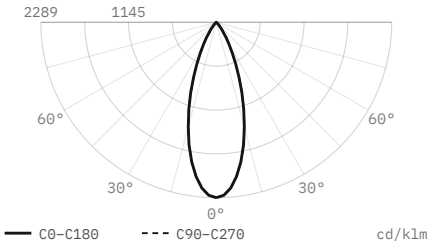
## 2217AF, 9 W, 24° beam

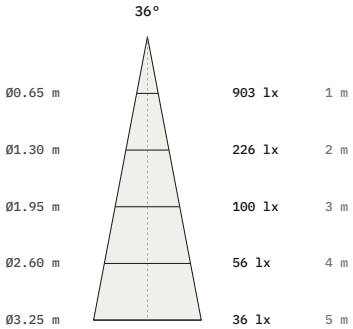



| | |
|---|---|
| Luminous flux | 340 lm |
| Efficacy | 38 lm/W |
| Peak intensity | 1,728 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | Ø53 × 65 mm |
| Data | Calculated from catalogue data |

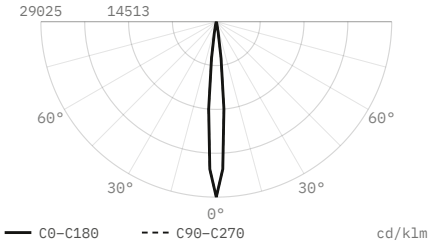
## 2217AF, 9 W, 36° beam

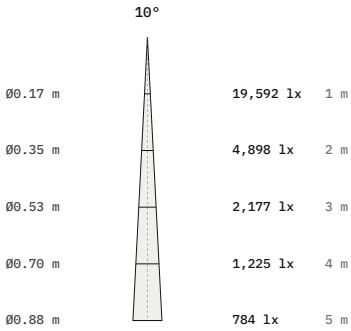



| | |
|---|---|
| Luminous flux | 394 lm |
| Efficacy | 44 lm/W |
| Peak intensity | 903 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | Ø53 × 65 mm |
| Data | Calculated from catalogue data |

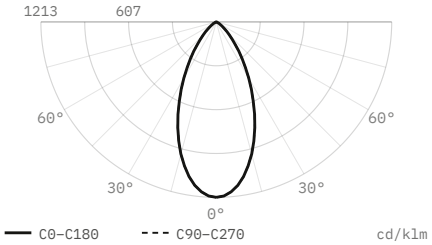
## 2217AF, 9 W, 10° beam

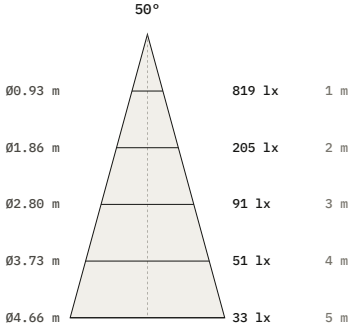



| | |
|---|---|
| Luminous flux | 675 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 19,592 cd, 29,025 cd/klm |
| Beam angle (50%) | 10° |
| Field angle (10%) | 18.2° |
| Cut-off angle (2.5%) | 11.5° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø53 × 65 mm |
| Data | Estimated from catalogue data |

## 2217AF, 9 W, 50° beam




| | |
|---|---|
| Luminous flux | 675 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 819 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 | Ø53 × 65 mm |
| Data | Estimated from catalogue data |

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.