Downlights

# M13 2401

Recessed spotlight

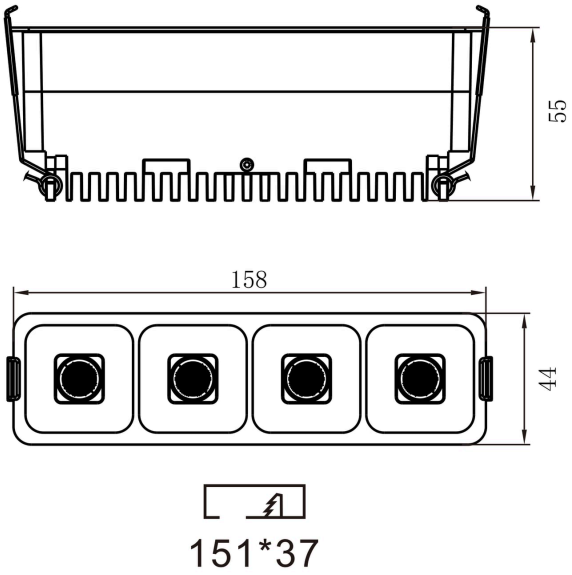


Recessed spotlight. 22 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. IP44. 97 CRI.

- LED source: Citizen

| Power | Voltage | Colour temperature |
|---|---|---|
| 22 W | 36 V | 2700 K, 3000 K, 4000 K |
| **CRI** | **Beam angles** | **IP rating** |
| 97 CRI | 15°, 24°, 36°, 50° | IP44 |
| **Mounting** | **Control** | **Finishes** |
| Recessed | On/Off | Black |

## Dimensions



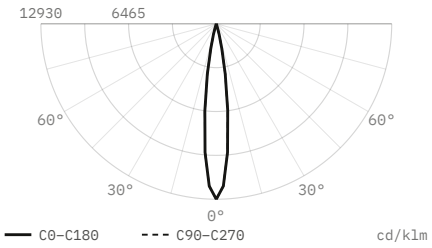

## Models

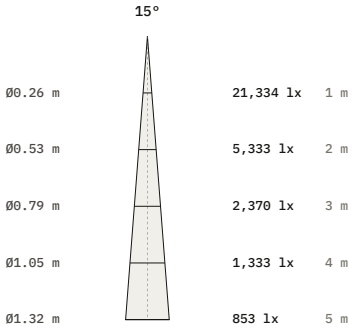
| Code | Power | Voltage | CRI | Size | Beam | Notes |
|---|---|---|---|---|---|---|
| **RE-M13-2401** | 22 W | 36 V | 97 CRI | 158 × 44 mm, cut-out 151 × 37 mm | 15° 24° 36° 50° | 600 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for RE-M13-2401, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

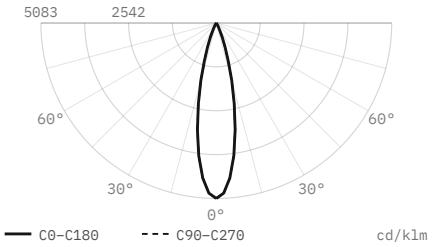
## RE-M13-2401, 22 W, 15° beam

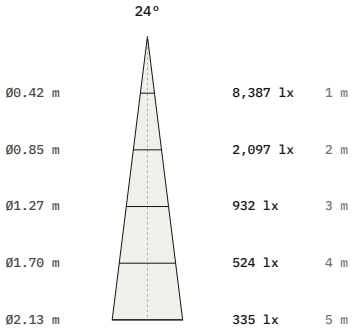



| | |
|---|---|
| Luminous flux | 1,650 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 21,334 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | 158 × 44 × 151 mm |
| Data | Estimated from catalogue data |

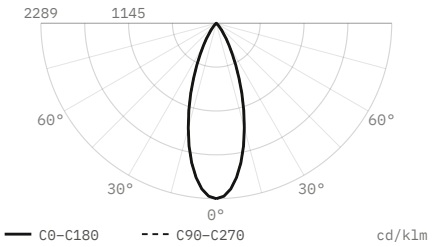
## RE-M13-2401, 22 W, 24° beam

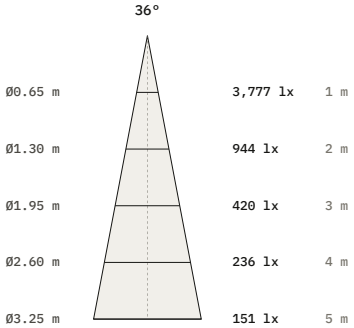



| | |
|---|---|
| Luminous flux | 1,650 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 8,387 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | 158 × 44 × 151 mm |
| Data | Estimated from catalogue data |

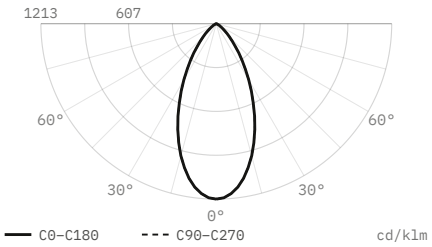
## RE-M13-2401, 22 W, 36° beam

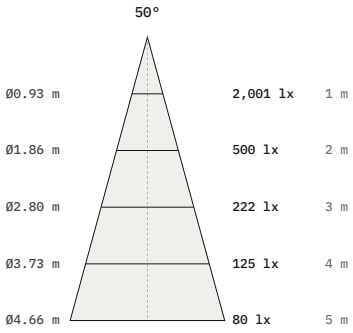



| | |
|---|---|
| Luminous flux | 1,650 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 3,777 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | 158 × 44 × 151 mm |
| Data | Estimated from catalogue data |

## RE-M13-2401, 22 W, 50° beam




| | |
|---|---|
| Luminous flux | **1,650 lm** |
| Efficacy | **75 lm/W** |
| Peak intensity | **2,001 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 | **158 × 44 × 151 mm** |
| Data | **Estimated from catalogue data** |

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Technical data may change without notice.