

TWIST 100

trimless

048-1121218M 048-2796117 002-90780

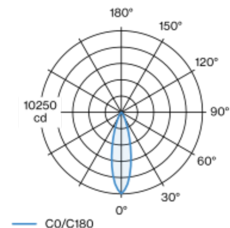


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



Round recessed spotlight in die-cast aluminium; 1 lamp; surface black powder coated; installation without tools in mounting set due to patented ball catch system; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; 360° rotatable and 45° tiltable outward; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 27° beam; optical attachments available as accessories; optical attachments can be combined; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



medium 27°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 10200 | 0.49 |
| 2 | 2600 | 0.97 |
| 3 | 1100 | 1.46 |
| 4 | 600 | 1.95 |
| 5 | 400 | 2.43 |

Product drawing



General

| |
|-------------------------------|
| Ceiling , Recessed |
| tilt max 45° |
| rotation 360° |
| black , RAL 9005 ¹ |
| Mounting set traffic white |
| front IP20 , back IP20 |
| 3190 lm |
| fixture 140 lm/W ² |

LED

| |
|---|
| 3500 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _r : 92 , R _{t(1-15)} : 93 |
| MR 0.61 |
| MDER 0.55 |

Optical

| |
|-------------------------------|
| medium |
| beam angle 27° |
| PstLM ≤ 1.0 ³ |
| SVM ≤ 0.4 ³ |

Electrical

| |
|----------------|
| non DIM |
| 220-240 V |
| system 25.3 W |
| fixture 22.7 W |
| 650 mA |
| PC2 |

Physical

| |
|-----------------|
| diameter 105 mm |
| height 99 mm |
| 0.57 kg |

Cutout

| |
|--------------------------------|
| diameter 106 mm |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm |
| recessed depth 160 mm |

¹ RAL code
² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

