

TWIST 100

trim

048-1121218S 048-2796318 002-90780

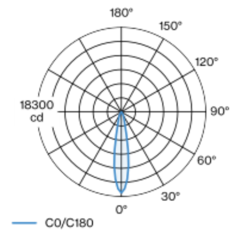


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



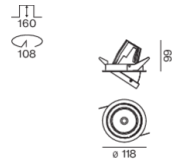
Round recessed spotlight in die-cast aluminium; 1 lamp; surface jet black powder coated; installation without tools in mounting set due to patented ball catch system; with trim jet black; suitable for ceiling thickness of 2-25 mm; 360° rotatable and 45° tiltable outward; passive cooling of the LEDs through 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 20° 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



| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 17500 | 0.34 |
| 2 | 4400 | 0.69 |
| 3 | 1900 | 1.03 |
| 4 | 1100 | 1.38 |
| 5 | 700 | 1.72 |

Product drawing



General

| |
|-------------------------------|
| Ceiling Recessed |
| tilt max 45° |
| rotation 360° |
| jet black RAL 9005 |
| Mounting set jet black |
| front IP20 back IP20 |
| 3140 lm |
| fixture 138 lm/W ¹ |

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

| |
|---|
| spot beam angle 20° |
| PstLM ≤ 1.0 ² SVM ≤ 0.4 ² |

Electrical

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

Physical

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|--------------------------------|
| diameter 118 mm height 99 mm |
| 0.45 kg |

Cutout

| |
|--|
| diameter 108 mm |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm |
| recessed depth 160 mm |

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

