

TWIST 100

trimless

048-1121218M 048-2796117 002-90789



Project / Type

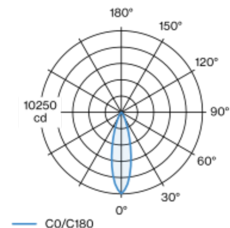
Notes

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. DALI-2 converter; 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;

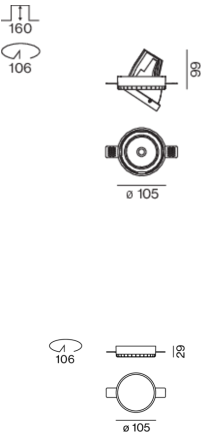
Light distribution



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/W²

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

DALI-2

220-240 V

system 25.3 W

fixture 22.7 W

650 mA

PC2

1 DALI Addr.

Physical

diameter 105 mm

height 99 mm

0.64 kg

Cutout

diameter 106 mm

min. ceiling thickness 12.5 mm

max. ceiling thickness 25 mm

recessed depth 160 mm

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

