

TWIST 100

trim

048-1121017S 048-2796318 002-90780



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface white 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 3000 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 220-240V; 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;

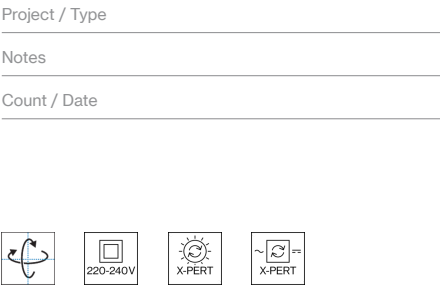
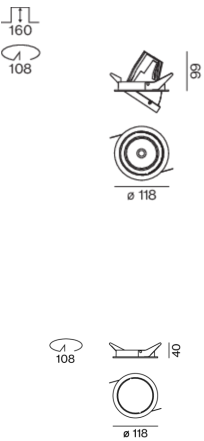
Light distribution



spot 20°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 17300 | 0.34 |
| 2 | 4300 | 0.69 |
| 3 | 1900 | 1.03 |
| 4 | 1100 | 1.38 |
| 5 | 700 | 1.72 |

Product drawing



General

Ceiling , Recessed

tilt max 45°

rotation 360°

white , RAL9016 ¹

Mounting set jet black

front IP20 , back IP20

3100 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_r: 91 , R_{t(1-15)}: 93

MR 0.54

MDER 0.49

Optical

spot

beam angle 20°

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 25.3 W

inset 22.7 W

650 mA

PC2 220-240V

system 123 lm/W³

inset 136 lm/W⁴

Physical

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 RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions



Lighting calculator

