

TWIST 100 trim 2 lamps

048-1120618M 048-2798317 002-90782



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

tilt max 45°

rotation 360°

black , RAL9005 ¹

Mounting set traffic white

IP20

6500 lm

LED

4000 K

CRI ≥ 90

initial MacAdam ≤ 3 SDCM

R_g: 96 , R_f: 89 , R₍₁₋₁₅₎: 89

MR 0.84

MDER 0.76

Optical

medium

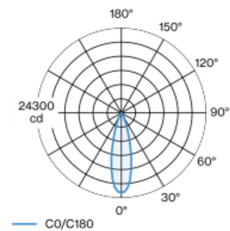
beam angle 28°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Round recessed spotlight in die-cast aluminium; 2 lamps; surface black powder coated; installation without tools in mounting set due to patented ball catch system; 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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; 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 28° beam; degree of protection IP20; PC2 220-240V; 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;

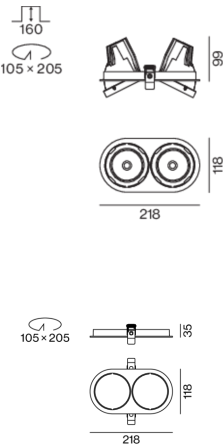
Light distribution



medium 28°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 11400 | 0.49 |
| 2 | 2900 | 0.99 |
| 3 | 1300 | 1.48 |
| 4 | 700 | 1.97 |
| 5 | 500 | 2.46 |

Product drawing



Electrical

DALI-2

79 W

inset 34 W

total insets 67 W

PC2 220-240V

82 lm/W

1 DALI Addr.

Physical

trim

length 218 mm

width 118 mm

height 99 mm

0.28 kg

Cutout

diameter 105 mm

length 205 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)

Installation instructions



Lighting calculator



[‘048-1120618M 048-2798317 002-90782’] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 37 |
| B16 | 60 |
| C10 | 37 |
| C16 | 60 |

Components

MOUNTING SET with trim 2 lamps

| TYPE | COLOUR | L·W·H (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|------------|-------------------|
| for intermediate ceilings | traffic white | 218·118·35 | 048-2798317 |



POWER SUPPLY

| L·W·H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 143·43·30 | 002-90782 |

