

TWIST 100 trim 2 lamps

048-1121118S 048-2798317 002-90789



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



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; with trim traffic white; 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 ≤ 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; 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



spot 20°

| 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° |
| black , RAL 9005 ¹ |
| Mounting set traffic white |
| front IP20 , back IP20 |
| 6280 lm |
| fixture 138 lm/W ² |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 100 , R _f : 92 , R _{f(-15)} : 91 |
| MR 0.78 |
| MDER 0.71 |

Optical

| |
|-------------------------------|
| spot |
| beam angle 20° |
| PstLM ≤ 1.0 ³ |
| SVM ≤ 0.4 ³ |

Electrical

| |
|----------------|
| DALI-2 |
| 220-240 V |
| system 51 W |
| fixture 22.7 W |
| 650 mA |
| fixture 45 W |
| PC2 |
| 1 DALI Addr. |

Physical

| |
|---------------|
| length 218 mm |
| width 118 mm |
| height 99 mm |
| 0.73 kg |

Cutout

| |
|------------------------------|
| diameter 105 mm |
| length 205 mm |
| width 105 mm |
| min. ceiling thickness 2 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)



TWIST 100 trim 2 lamps

048-1121118S 048-2798317 002-90789



Project / Type

Notes

Count / Date

Installation
instructions



Lighting
calculator

