

# TWIST 100

trim

048-1121018S 048-2796318 002-90789



|                |
|----------------|
| 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 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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. 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;

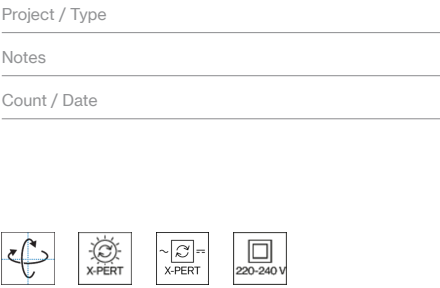
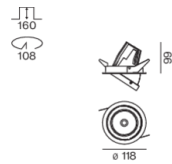
## Light distribution



spot 20°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 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°                 |
| jet black   RAL 9005          |
| Mounting set jet black        |
| front IP20   back IP20        |
| 3100 lm                       |
| fixture 136 lm/W <sup>1</sup> |

## LED

|  |
|--|
| 3000 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 2$ SDCM  |
| R <sub>g</sub> : 98   R <sub>f</sub> : 91   R <sub>(1-15)</sub> : 93 |
| MR 0.54   MDER 0.49  |

## Optical

|   |
|---|
| spot   beam angle 20°                                       |
| PstLM $\leq 1.0$ <sup>2</sup>   SVM $\leq 0.4$ <sup>2</sup> |

## Electrical

|                                |
|--------------------------------|
| DALI-2   1 DALI Addr.          |
| PC2   220-240 V                |
| system 25.3 W   fixture 22.7 W |
| 650 mA                         |

## Physical

|                                |
|--------------------------------|
| diameter 118 mm   height 99 mm |
| 0.61 kg                        |

## Cutout

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

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

## Installation instructions



## Lighting calculator

