

# TWIST 100

trim

048-1120517F 048-2796318 002-90781



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

tilt max 45°

rotation 360°

white , RAL9016 <sup>1</sup>

Mounting set jet black

IP20

2970 lm

## LED

3000 K

CRI ≥ 90

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.62

MDER 0.56

## Optical

flood

beam angle 38°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM

40 W

inset 34 W

PC2 220-240V

74 lm/W

## Physical

trim

diameter 118 mm

height 99 mm

0.42 kg

## Cutout

diameter 108 mm

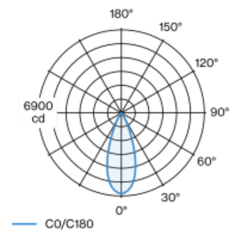
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 160 mm

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; 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 ≤ 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 38° beam; optical attachments available as accessories; 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



flood 38°

h (m)	E0° (lx)	ø (m)
1	6730	0.68
2	1680	1.37
3	750	2.05
4	420	2.73
5	270	3.42

## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



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## Components

### MOUNTING SET with trim 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	118	048-2796318

### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
136-43-30	002-90781

## Mounting accessories

### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110

## Optical accessories

### LINEAR PRISMATIC LENS

Ø (MM)	ARTICLE NUMBER(S)
75	080-6402110P

### HONEYCOMB LOUVER

Ø (MM)	ARTICLE NUMBER(S)
75	080-6401118

### SNOOT

TYPE	Ø (MM)	ARTICLE NUMBER(S)
short	66	080-6403118
medium	66	080-6403218
angle	66	080-6403318

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	11
B13	15
B16	19
B20	23
C10	19
C13	25
C16	32
C20	39

