## **TWIST 100**

trimless

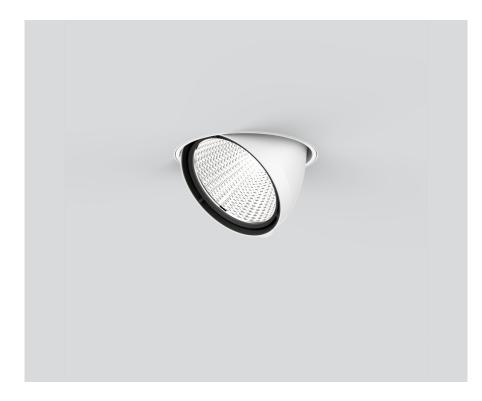
048-1120517M 048-2796117 002-90781



Project / Type

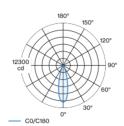
Notes

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; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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  $\le$  3 SDCM; CRI  $\ge$  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; 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;

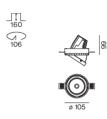
#### **Light distribution**



### medium 28°

h (m)	E0° (Ix)	ø (m)
1	10600	0.49
2	2700	0.99
3	1200	1.48
4	700	1.97
5	400	2.46

## **Product drawing**













#### General

Ceiling, Recessed	
tilt max 45°	
rotation 360°	
white, RAL9016 1	
IP20	
3020 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

medium
beam angle 28°
PstLM ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

### **Electrical**

non DIM	
40 W	
inset 34 W	
PC2 220-240V	
76 lm/W	

#### **Physical**

trimless	
diameter 105 mm	
height 99 mm	
0.49 kg	

## Cutout

diameter 106 mm
min. ceiling thickness 12.5 mm
max. ceiling thickness 25 mm
recessed depth 160 mm

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

# Installation instructions



# Lighting calculator





11.05.2024

## **TWIST 100**

trimless

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roject / Type	
Notes	
Count / Date	

## **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

### Components

#### **MOUNTING SET trimless**

TYPECOLOURØ (MM)ARTICLE NUMBER(S)for plasterboard ceilings 12.5/15/25 mmtraffic white105048-2796117





#### **POWER SUPPLY**

**L-W-H (MM)**136-43-30

ARTICLE NUMBER(S)
002-90781



