

TWIST 100

trimless

048-1120617M 048-2796117 002-90782

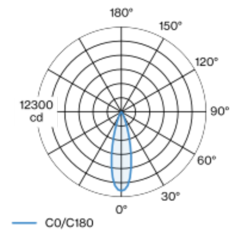


Project / Type
Notes
Count / Date



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 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; optical attachments available as accessories; 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;

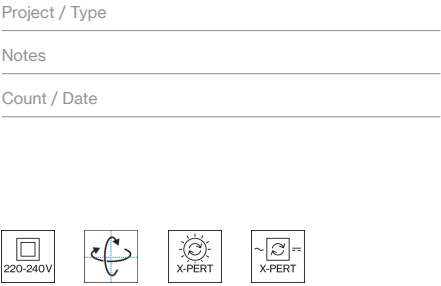
Light distribution



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



General

Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL9016 ¹
IP20
3250 lm

LED

4000 K
CRI ≥ 90
initial MacAdam ≤ 3 SDCM
R _g : 96 , R _r : 89 , R _{t(1-15)} : 89
MR 0.84
MDER 0.76

Optical

medium
beam angle 28°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
40 W
inset 34 W
PC2 220-240V
81 lm/W
1 DALI Addr.

Physical

trimless
diameter 105 mm
height 99 mm
0.65 kg

Cutout

diameter 106 mm
min. ceiling thickness 12.5 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



TWIST 100

trimless

048-1120617M 048-2796117 002-90782



Project / Type

Notes

Count / Date

Components

MOUNTING SET trimless

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for plasterboard ceilings 12.5/15/25 mm	traffic white	105	048-2796117

POWER SUPPLY

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

Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-253110
DALI cable ø 4 – 12 mm	105-58-30	005-255110

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	37
B16	60
C10	37
C16	60

