TWIST 100

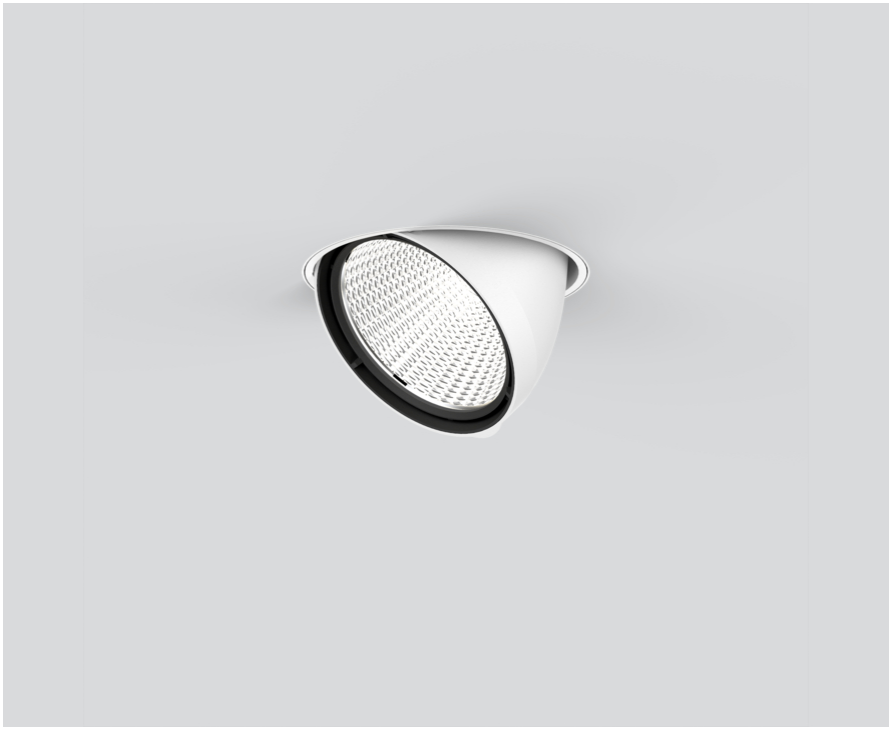
trimless

048-1121017F 048-2796117 002-90780

Project / Type

Notes

Count / Date



220-240V | X-PERT | X-PERT

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 ≤ 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 39° beam; optical attachments available as accessories; optical attachments can be combined; 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;

General

Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL9016 [1]
front IP20 , back IP20
3110 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM

Optical

flood
beam angle 39°
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

non DIM
25.3 W
PC2 220-240V
123 lm/W

Physical

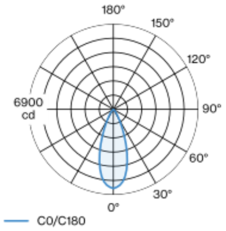
diameter 105 mm
height 99 mm
0.49 kg

Cutout

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

[1] RAL code [2] Value of containing product at full load (undimmed)

Light distribution



flood 39°

h (m)	E0° (lx)	ø (m)
1	6390	0.70
2	1600	1.40
3	710	2.10
4	400	2.80
5	260	3.50

Product drawing

Installation instructions

Lighting calculator