

TWIST 100

trimless

048-1121218S 048-2796117 002-90789



Project / Type
Notes
Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface black 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 3500 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 20° beam; optical attachments available as accessories; optical attachments can be combined; 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;

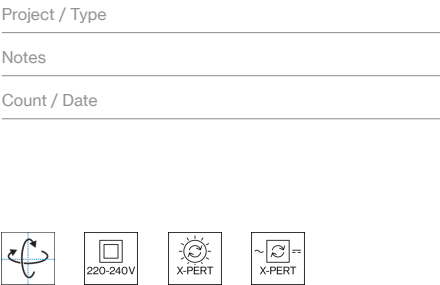
Light distribution



spot 20°

h (m)	E0° (lx)	ø (m)
1	17500	0.34
2	4400	0.69
3	1900	1.03
4	1100	1.38
5	700	1.72

Product drawing



General

Ceiling , Recessed
tilt max 45°
rotation 360°
black , RAL9005 ¹
Mounting set RAL Traffic white
front IP20 , back IP20
3140 lm

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 , R _r : 92 , R ₍₁₋₁₅₎ : 93
MR 0.61
MDER 0.55

Optical

spot
beam angle 20°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
system 25.3 W
inset 22.7 W
650 mA
PC2 220-240V
system 124 lm/W ³
inset 138 lm/W ⁴
1 DALI Addr.

Physical

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)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions



Lighting calculator

